



### **CST** ENVIRONMENTAL, INC

### **TABLE OF CONTENTS**

CERTIFICATE OF COMPLETION	
PERMITS AND LICENSES	i
NOTIFICATIONS	, II
AIR SAMPLE RESULTS	IV
WASTE MANIFESTS	V
HAULER PERMIT AND LANDFILL FACT SHEET	V



Contractor License #549566 DOSH #177 2100 East Via Burton Street Anaheim, CA 92806 714/991-8300 FAX 714/991-8226

# CLOSE-OUT DOCUMENTATION

Prepared for:

FORENSIC ANALYTICAL Mr. Stephen B. Long

2959 Pacific Commerce Drive Rancho Dominguez, CA 90221

Project:

**McDonnell Douglas Facility** 

Harbor Gateway Center 1414 190th Street Torrance, California

Los Angeles • Houston • Las Vegas • Dallas • San Francisco • Boston

# **Certificate of Completion**

#### **CST** ENVIRONMENTAL, INC

#### CERTIFICATE CONCERNING ASBESTOS REMOVAL

The undersigned, CST Environmental, Inc. (a licensed California Contractor, Section II) has completed the removal of asbestos containing material from McDonnell Douglas Harbor Gateway Center located at 1414 190th Street, Torrance, California (The Project). In connection with such work, the undersigned hereby certifies to McDonnell Douglas Realty Company (The Owner) and Forensic Analytical (The Consultant) as follows:

- 1. The South Coast AQMD and CAL/OSHA were notified of the project by the filing of the Asbestos Removal Notification information sheet, attached hereto in Section III.
- 2. The project was conducted from September 9, 1996 through March 1, 1997, in accordance with EPA, SCAQMD and CAL/OSHA guidelines and regulations, including specifications concerning use of pressure differential system, personal protection and decontamination of workers, air monitoring, work area decontamination and disposal.
- The workers employed on the project were the following persons: Artemio Aguilar, 3. Asis Abed, Antonio Alia, Martin Avila, Fabian Barajas, Romuldo Bringas, Alberto Carrillo, Oswaldo Castillo, Arturo Castor, Pedro Castor, Emiliano Centeno, Naum Chavez, Raul Cortez, Hector Cota, Alvaro Covarrubias, Eduardo Deanda, Joe Dominguez, William Drewek, Angel Enriquez, Hector Espinosa, Clemente Gallos, Juan Gallos, Hector Gandara, Fidel Garcia, Leandro Garcia, Raul Garcia, Joe Garza, Mauricio Henriquez, Armando Hernandez, Calixto Hernandez, Jorge Hernandez, Miguel Hernandez, Oscar Hernandez, Juan Jiminez, Efrain Lara, Ezequiel Lara, Isreal Lara, Antonio Lopez, Humberto Lopez, Luis Lopez, Jose Luis Garcia, Jose Luis Zamudio, Napoleon Manriquez, Luis Martinez, Manuel Medino, Jesus Mendez, Francisco Meza, Martin Miramontes, Oscar Miranda, Raul Moreno, Todd Nordeen, Mauro Nunez, Isidro Ortiz, Jose Ortiz, Antonio Padilla, Emilio Palacios, Manuel Palencia, Manuel Palmero, Martin Perdomo, Camilo Perez, Gustavo Perez, Jorge Perez, Jose Perez, Norman Perez, Herman Portillo, Domingo Ramirez, Pedro Reyes, Rogelio Reyes, Ricky Rickard, Juan Rios, Douglas Rivas, Ernesto Roldan, Miguel Roman, Hector Rosales, Esteban Sagastume, Peter Sanchez, Cirenio Sandoval, Fortino Sandoval, Juan Carlos Sigueros, Anthony Stuber, Thomas Takushi, Manuel Torres, Sergio Torres, Alejandro Uriostegui, Mauricio Uriostegui, Fernando Vega (Victor), Oscar Vega, Ruben Vega, Victor Vega, Domingo Velasco, Lawrence Zazueta and Sixto Zazueta. Each of them has completed all necessary training, including their respirator fit test, and has signed CST Environmental's acknowledgment statement.

#### **CST** ENVIRONMENTAL, INC

- 4. CST Environmental requires an annual physical examination of each asbestos exposed worker in accordance with OSHA medical monitoring requirements. Each employee was found to be in good health, as evidenced by the copies of their medical examinations.
- 5. Personal air monitoring performed on site was analyzed by Ecologics Lehr and Environmental Data Management. Results are attached in Section IV.
- 6. All asbestos containing material which was removed is evidenced by the non-hazardous and hazardous waste manifests, attached in Section V.
- 7. The asbestos containing material (fireproofing, poly, coveralls, tape, etc.) removed from the building, was double bagged and labeled by CST Environmental. The material was hauled by MP Environmental Services and/or Union Pacific Environmental Transportation and disposed of at ECDC Environmental in East Carbon, Utah. The hauler permit and landfill fact sheets are attached in Section VI.

Signed and Submitted this 2nd day of April, 1997.

By:

Subhas "Sage" Khara

President

f:\apps\wp\legals\mcdonl97.109

## **Permits and Licenses**

### **Permits and Licenses**

Enclosed please find State Contractors License, Asbestos Certification, CAL/OSHA registration, and Hazardous Waste Hauler Registration.

### State of California

# Contractors State License Board

Poisuant to Chapter 9 of Division 3 of the Business and Professions Code and the Rules and Regulations of the Contractors State License Board, the Registrar of Contractors does hereby issue this license to:

C S T ENVIRONMENTAL INC



to engage in the business or act in the capacity of a contractor in the following classification(s):

B - General Building Contractor ASB - Asbestos Certified C-2 - Insulation and Acoustical

Witness my hand and seal this day,

November 26, 1990

Issued November 23, 1988 CERTIFIED COPY





Device R Chellys Registrar of Contractors

> 549566 License Number

Signature of License Qualifier

whe. Charra-

Signature of Licensee

This license is the property of the Registrar of Contractors, is not transferrable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason. If becomes void it not renewed

18124-805-1896

Nº 276631





#### **ASBESTOS**

#### CERTIFICATION

Pursuant to the provisions of Section 7058.5 of the Business and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully completed the aspestos certification examination:



Qualifier:

SUBHAS KHARA

License No.:

549566

Namestyle:

C S T ENVIRONMENTAL, INC.

TSS my hand and official scal this 1989

This certification is the property of the The certification is the property of the Registrar of Contractors, is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason in high manifold and the state of Contractors in the Registrar of Contractors in the Registrar upon demand when suspended, revoked, or invalidated for any reason in the Registrar of Contractors in the Registrar of Contractors in the Registrar upon demand when suspended, revoked, or invalidated for any reason in the Registrar of Contractors in the Registrar of Contractors in the Registrar upon demand when suspended, revoked, or invalidated for any reason in the Registrar of Contractors in the Registrar upon demand when suspended, revoked, or invalidated for any reason in the Registrar of Contractors in the Registrar upon demand when suspended, revoked, or invalidated for any reason in the Registrar upon demand when suspended, revoked, or invalidated for any reason in the Registrar of Contractors in the Registrar upon demand when suspended in the Registrar upon demand whe

A5016



State of California
CONTRACTORS STATE LICENSE BOARD **ACTIVE LICENSE** 

Locanse Number 549566

Entry CORP

Business Name C S T ENVIRONMENTAL INC

Classifications: ASB B C-2 A C21 HAZ

Expiration Date 11/30/1998

STATE OF CALIFORNIA

STATE AND CONSUMER SERVICES AGENCY CONTRACTORS STATE LICENSE BOARD



### Building Quality

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### HAZARDOUS SUBSTANCES REMOVAL AND REMEDIAL **ACTIONS CERTIFICATION**

Pursuant to the provisions of Section 7058.7 of the Business and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully completed the hazardous substances removal and remedial actions examination.



Qualifier:

RICHARD DE WAYNE BALES

License No.:

549566

Business Name:

CST ENVIRONMENTAL INC

WITNESS my hand and official seal this

This certification is the property of the 10th day of april 1996

Registrar of Contractors, is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason.

6921

#### Renewal 8

State of California



Department of Industrial Relations
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH

# Certificate of Registration for Asbestos-related Work

Certificate No. 177	Expiration Date 01/20/98
CST E	NVIRONMENTAL, INC.
	(Name of Employer)
is duly registered by the Division of Occupation Administrative Code, Title 8, Article 2.5 for as	$\mathcal{L}(\mathcal{L})/\mathcal{L}(\mathcal{L})$
01/06/97	Howard
Date of Issuance	Chief Division of Occupational Safety and Health
Effective Date: 01/21/97	CSLB No. 549566

This registration is valid only when the following requirements and conditions are met:

- The registered employer shall safely perform asbestos-related work in compliance with relevant occupational safety and health regulations.
- The registered employer shall notify the Division of changes in work locations or conditions as specified by Section 341.9 of Title 8 of the California Administrative Code.
- 3. The registered employer shall post a sign readable at 20 feet at the location of any asbestos-related work stating

  Output

  Description of the description of the

"Danger-Asbestos.
Cancer and Lung Hazard.
Keep Out."

- The registered employer shall provide a copy of this registration certificate to the prime contractor and any other employers at the site before the commencement of any asbestos-related work.
- 5. The registered employer shall conduct a safety conference prior to the commencement of any asbestos-related work as specified by Section 341.11 of Title 8 of the California Administrative Code.
- The registered employer acknowledges the Division's right to revoke or suspend this registration as provided by Section 341.14 of title 8 of the California Administrative Code.

Permits and Licenses

STATE OF CALIFORNIA—CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governo



#### DEPARTMENT OF TOXIC SUBSTANCES CONTROL

400 P STREET, 4TH FLOOR P.O. BOX 806 SACRAMENTO, CA 95812-0806

(916) 323-3219

\*\*\* HAZARDOUS WASTE TRANSPORTER REGISTRATION \*\*\*

### NAME AND ADDRESS OF REGISTERED TRANSPORTER:

CST Environmental, Inc. 2100 E, Via Burton Street Anaheim, California 92806

TRANSPORTER REGISTRATION NO: 2629

EXPIRATION DATE: May 31, 1997

THIS IS TO CERTIFY THAT THE FIRM NAMED ABOVE IS DULY REGISTERED TO TRANSPORT HAZARDOUS WASTE IN THE STATE OF CALIFORNIA IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 6.5, DIVISION 20 OF THE HEALTH AND SAFETY CODE AND DIVISION 4.5, TITLE 22 OF THE CALIFORNIA CODE OF REGULATIONS.

THIS REGISTRATION CERTIFICATE MUST BE CARRIED WITH EACH SHIPMENT OF HAZARDOUS WASTE.

ANTHORIZED SIGNATURE)

APR 0 5 1996

(DATE)

cc: California Highway Patrol

## **Notification**



02/26/97

### 01/16/97 SOUT. COAST AIR QUALITY MANAGEMEN. DISTRICT NOTIFICATION OF DEMOLITION OR ASSESTOS REMOVAL

21865 E. Cooley Drive, Diamord Bar, CA 91755-4182 (909) 396-2000

ACUD USE ONLY	SCREEN BY RECEIVED POSTMARK BYTERED BY HOTIFICATION
c merenes at 308EXI	ALVETE COMPANY CST ENVIRONMENTAL, INC. PHONE (714) 991-5300
DATE 02/26/97 3	ECX# FEE\$ 10.20 PROJECT# 97-109 A1 5
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PROJECT TYPE	CENCLITION CATERED DENOLITION RENOVATION RELEVAL ENERGENCY RENO PLANNED RENOVAL
TEINFORMATION	STENAME MC DONNELL DOUGLAS - TORRANCE FACILITY
TEACCRESS 1414	190TH STREET
CTY TORRANCE	STATE CA P 90501 COUNTY LOS ANGELES
ESCRIBE WORK LOCATION	BUILDING # 37 TOWER
BUTUING SIZE (SO FT) 54,	000 SQ FTS Q FT 12 MEER OF FLOORS 4 SUILDING AGE (FEARS) 45 NUMBER OF DWELLING UNITS
PESENT USE COMPON	. FCSTIN INCIDENT MESTELLANGUS OFFICE PLANCELOS RESIDENCE SOOR SHIP UNIVERLESS VICINIA
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CONNER MC DONN	ELL DOUGLAS REALITY ACCRESS 4060 LAKEWOOD BLVD
THY LONG BEACH	STATE CA ZIP 90808 CONTACT MARIO STAVALE PHONE 310-627-3014
RECURED BUILDING THEORIGATION	ASSESTOS YES NO ASSESTOS YES NO REMOVED? YES NO DEMOUSHED!
PROJECT DATES	START ביים work shift (ampin)
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CONTRACTOR INFORMATION	CSLB LICENSE # 549566
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TIY ANAHEIM	STATE CA ZIP 92806 SITE SUPVR TODD NORDEEN PHONE (714) 991-830
USTE TRANSPORTER #1	SOUTHERN PACIFIC TRANS LANDFILL ECDC ENVIRONMENTAL
ACCRESS 1 MARKET	PLAZA ACORESS 1111 WEST HWY 123
SAN FRANCISC	O STATE CA ZIP 94104 CITY EAST CARBON STATE UT ZIP 3452
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RCM 100 TO 1,000 SQU	ARE FEET S	10.24 76.81	( ce	AOLITICAS ASIONS	\$ 25.50

MAIL ORIGINAL TO: SCACHID, RLILE 1403 ASBESTOS HOTIFICATIONS, P.O. BOX 4950, DUAMOND BAR, CA 91765-0950
TELEPHONE: (909) 196-2114 FAX: (909) 196-21142

MOTE: STATE LAW REQUIRES THAT YOU GIVE A COPT OF DEMOLITION NOTIFICATIONS TO YOUR LOCAL BUILDING AND SAFETY DEPARTMENT, PLEASE REEP A COPT.

REVISIONS

CANCELLATIONS

PROCEDURE 4 CR 5 PLANS

\$ 75.51

\$179.20

\$281,64

FICH 1,001 TO 5,000 SQUARE FEET

MCFE THAN 10,000 SQUARE FEET

FROM 5,001 TO 10,000 SCHARE FEET

\$ 10.24

\$ 000.00

**231.54** 

CALL/CSHA-

TORRANCE 08/23/96

\* REVISION \*

# TEMPORARY WORKSITE NOTIFICATION FOR ASSESTOS and METHYLENEDIANLINE-RELATED WORK

12/02/95 12/16/96 01/16 97 02/26/97

\* REVISION \* 97-1094 COMPANY EMPLOYER NAME: CST ENVIRONMENTAL INC. 2100 EAST VIA BURTON STREET. CA 92806 EADQUARTERS ADDRESS: "CONTRACTORS STATE LICENSE BOARD LICENSE NUMBER: 549566 LOSH-OCCU (CAL/OSEA) \*ASBESTOS REGISTRATION NUMBER: 177 and/or "REPORT OF USE" REGISTRY NUMBER: MCDONNELL DOUGLAS - TORRAN ADDRESS OF TEMPORARY WORKSTTE 224 PRECISE LOCATION: 1414 190TH STREET, TORRANCE, CA 90501 190TH AND WESTERN NEAREST INTERSECTION: COMMERICAL TYPE OF BUSINESS: "NAME OF CERTIFIED SUPERVISOR: TODD NORDEEN "NAME OF QUALIFIED PERSON IN CHARGE OF AIR MONTTORING. LABORATORY WORK, AND RESPIRATORS: TODD NORDEEN / EDM / PAUL ZAMBRANO FORENSIC -"NAME OF CERTIFIED CONSULTANT: -02/28/97PROJECTED JOB STARTING DATE: 09/06/95 PROJECTED COMPLETION DATE: 03/14/97 DESCRIBE TYPE, SCOPE AND WORK PRACTICES OF JOB: REMOVAL OF APPROX 487, 300 SO FT OF FRIABLE AND NON-FRIABLE THROUGHOUT. SEE ATTACHED FOR LISTED INFORMATION. FULL CONTAINMENT, WET REMOVAL METHOD, PROTECTIVE CLOTHING, RESPIRATORS, PRESSURE DIFFERENTIAL SYSTEMS USING HEPA FILTRATION SYSTEMS, DISPOSE INTO 6 MIL PLASTIC BAGS DOUBLED AND LABELED. EVALUATION OF POTENTIAL FOR EXPOSURE: NO POTENTIAL EXPOSURE EXPECTED. WORKERS WILL DON RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING.

ACCORDING TO TITLE & CCR SECTIONS 341.9 AND 1529(r) for ASBESTOS and 5200(p) for MDA, PLEASE SEND THIS COMPLETED NOTICE TO THE NEAREST DISTRICT COMPLIANCE OFFICE (SEE ATTACHED LISTING), NOT TO DOSH HEADQUARTERS OR TO DOSH CONSULTATION, PRIOR TO COMMENCEMENT OF ANY SUCH WORK ACTIVITY.

10-12

ANY CHANGE IN THE INFORMATION PROVIDED TO THE DISTRICT OFFICE BY THE WRITTEN NOTICE SHALL BE REPORTED TO THE DISTRICT OFFICE WITHIN 24 HOURS OF SUCH CHANGE.

ESTIMATED NUMBER OF EMPLOYEES ON THIS JOB:

CAL/OSHA 1838 May, 1993

<sup>\*</sup> The star denotes subestons inquiry conly

م الدواجة على المراجة المراجة



### 12/25/95

#### SOUT: COAST AIR QUALITY MANAGEMEN DISTRICT NOTIFICATION OF DEMOLITION OR ASBESTOS REMOVAL

21865 E. Copley Drive, Diamond Bar, CA 91765-4182 (909) 396-2000 SCREEN BY RECEIVED POSTMARK ENTERED BY ACHDUSEONLY ...... NOTIFICATION # Saida-Lul.,-, --. COMPANY CST ENVIRONMENTAL, INC. PHONE (714) 991-8300 COMPLETED BY ROBERT/ ALYRHEE FEE \$ DATE 01/16/97 CHECK# 10.20 PROJECT# 97-109 AI ORIGINAL REVISION DATES X REVISION OTHER (HIGHUGHT) NOTIFICATION TYPE CANCELLATION DEMOLITION OF DERED DEMOLITION RENOVATION REMOVAL ( EMERGENCY RENO ) PLANNED RENO WHELE PROJECT TYPE SITE INFORMATION SITE NAME MC DONNELL DOUGLAS - TORRANCE FACILITY SITE ADDRESS 1414 190TH STREET STATE ZP 90501 COUNTY TORRANCE CA LOS ANGELES DESCRIBE WORK LOCATION BUILDING # 37 TOWER BUILDING AGE (YEARS) 45 BUILDING SIZE (SQ FT) 54,000 SQ FTS O  $\,$  FT NUMBER OF FLOORS  $_{\Delta}$ NUMBER OF DWELLING UNITS HOSPITAL INDUSTRIAL MISCELLANEOUS OFFICE PUBLIC \$10G. RESDERCE COMERCIAL Saxa PRESENT USE UMV.Causas ( VACU (COMERCIA) HOSPITAL INCUSTRAL MISCELLAREOUS PUBLIC BLOG RESIDENCE OFFICE Sorca PRIOR USE UNIVICALIEGE VACAN ADDRESS SOWNER MC DONNELL DOUGLAS REALITY 4060 LAKEWOOD BLVD ZIP 90808 CONTACT STATE CA PHONE 310-627-3014 CITY LONG BEACH MARIO STAVALE ASSESTOS YES NO ASSESTOS YES) NO **ASSESTOS** YES NO. BUILDING TO BE (YES) NO REQUIRED BUILDING PRESENT? SURVEY? REMOVED? DEMOUSHED? INFORMATION START PROJECT DATES WORK SHIFT (am/pm) END 01/17/97 02/28/97 WORK SHIFT (2017/2017) START 12/17/96 REMOVAL DATES FRIABLE CLASSI ASSESTOS AMOUNT TO BE CLASS II TOTAL REMOVED(acti row) 1,500 SO FT REMOVED (in square feet) 1,500 SQ FT C SURFACES PIPES COMPONENTS ASBESTOS REMOVED FROM ACOUSTIC CEILING LINOLEUM INSULATION (FIRE PROOFING) DUCTING DESCRIBE THE MATERIALS PLASTER TRANSITE OTHER (described DRY WALL FLOOR TILES (VAT) ACMD ID # 97739 CSLB LICENSE # 549566 OSHA REG # CONTRACTOR INFORMATION 177 ADDRESS NAME CST ENVIRONMENTAL, INC. 2100 E. VIA BURTON PHONE (714) 991-830 ZIP 92806 SITE SUPVR STATE CA TODD NORDEEN THY ANAHEIM LANDFILL WASTE TRANSPORTER 81 SOUTHERN PACIFIC TRANS ECDC ENVIRONMENTAL ADDRESS ADDRESS 1 MARKET PLAZA 1111 WEST HWY 123 ZIP 94104 CITY STATE UT CITY SAN FRANCISCO STATE CA EAST CARBON ZIP \$4520

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ROBERT ESPINOS PRINT NAME OF OWNER	A VOPERATOR	SIGNATI	RE OF OWNER/OPERA	ATOR DATE	C1/16/97
INFORMATION CERTIFIC	CATION: I CERTIFY THAT THE A	BOVE INFORMATION IS	REST AND I HAVE ENCL	OSED ANY REQUIRED ATTACH	ÆNTS.
ROBERT ESPINOS PRINT NAME OF OWNER		FIGNATU	FE OF OWNER/OPERA	TOR DATE	01/16/97
EXEMPT FROM NOTIFICA	T ACCEPTED WITHOUT THE R ATION AND FEES, PLEASE W HE ASSESTOS AMOUNT TO BE	AKE CHECK PAYABLE TO	D'SCAOMD'. FEES AR	EMOVAL LESS THAN 100 SC E PER NOTIFICATION, NOT	CHARE FEET ARE REFUNDABLE, AND
FROM 100 TO 1,000 SQUA FROM 1,001 TO 5,000 SQU FROM 5,001 TO 10,000 SQ MORE THAN 10,000 SQUA	UARE FEET \$ QUARE FEET \$1	10.24 76.81 79.20 781.64	RE CA	DAOLITIONS VISIONS NCELLATIONS OCEDURE 4 OR 5 PLANS	\$ 25.50 \$ 10.24 \$ 00.00 \$281.64

MAIL ORIGINAL TO: SCAOMD, RULE 1403 ASSESTOS NOTIFICATIONS, P.O. BOX 4950, DIAMOND BAR, CA 91765-0950 TELEPHONE: (909) 396-2336 FAX: (909) 396-3342

CAL/OSHA-

TORRANCE 08/23/96

\* REVISION \*

# TEMPORARY WORKSITE NOTIFICATION FOR ASBESTOS and METHYLENEDIANLINE-RELATED WORK

12/02/96 12/16/96 01/16/97

	* REVISION *	
COMPANY/EMPLOYER NAME:	CST ENVIRONMENTAL, INC.	97-109A
HEADQUARTERS ADDRESS:	2100 EAST VIA BURTON STREET	. CA 92806
*CONTRACTORS STATE LICENS	E BOARD LICENSE NUMBER:	549566
DOSH-OCCU (CAL/OSHA) "ASBE and/or "REPORT	STOS REGISTRATION NUMBER: OF USE" REGISTRY NUMBER:	177
ADDRESS OF TEMPORARY WOR	KSITE 20d PRECISE LOCATION:	MCDONNELL DOUGLAS - TORRA
1414 190TH STREET, TOR	RANCE, CA 90501	
NEAREST INTERSECTION:	190TH AND WESTERN	
TYPE OF BUSINESS: COM	ERICAL	
*NAME OF CERTIFIED SUPERVI	SOR: TODD NORDEEN	
"NAME OF QUALIFIED PERSON" ABORATORY WORK, AND RES	IN CHARGE OF AIR MONITORING PIRATORS: TODD NORDEEN	/ EDM / PAUL ZAMBRANO
"NAME OF CERTIFIED CONSULT	FORENSIC -	
PROJECTED JOB STARTING DAT	E: 09/06/96 PROJECTED COM	APLETION DATE: -01/31/97
DESCRIBE TYPE, SCOPE AND W	ORK PRACTICES OF JOB: REMO	DVAL OF APPROX 487,300 SO FT
		CHED FOR LISTED INFORMATION.
DIFFERENTIAL SYSTEMS USING FE	METHOD, PROTECTIVE CLOTHING, PA FILTRATION SYSTEMS, DISPOS	E INTO 6 MIL PLASTIC BAGS
EVALUATION OF POTENTIAL FO	R EXPOSURE: NO POTENTIAL E	CPOSURE EXPECTED. WORKERS WILL
DON RESPIRATORY PROTECTION A		
ESTIMATED NUMBER OF EMPLO	YEES ON THIS JOB: 10-	12

ACCORDING TO TITLE I CCR SECTIONS 341.9 AND 1529(1) for ASBESTOS and 5200(p) for MDA, PLEASE SEND THIS COMPLETED NOTICE TO THE NEAREST DISTRICT COMPLIANCE OFFICE (SEE 'ALTACHED LISTING), NOT TO DOSH HEADQUARTERS OR TO DOSH CONSULTATION, FRIOR TO COMMENCEMENT OF ANY SUCH WORK ACTIVITY.

ANY CHANGE IN THE INFORMATION PROVIDED TO THE DISTRICT OFFICE BY THE WRITTEN NOTICE SHALL BE REPORTED TO THE DISTRICT OFFICE WITHIN 24 HOURS OF SUCH CHANGE.

CAL/OSHA 1838 May, 1993

The star denotes asbestos inquiry only



## SOUT: COAST AIR QUALITY MANAGEME. DISTRICT NOTIFICATION OF DEMOLITION OR ASBESTOS REMOVAL

21865 E. Copley Drive, Diamond Bar, CA 91765-4182 (909) 396-2000

	21865 E. Ca	oley Drive, Diamond Bar, CA	191705-4102 (909) 396-200	
AC DUSE ONLY	SCREEN BY RECEIVED	POSTMARK	ENTERED BY	NOTIFICATION #
COMPLETED BY ROBERT	ALYRHEE COMPANY CST	ENVIRONMENTAL, INC	C. PHONE (714) 991	-8300
DA. = 12/16/96 CH	ECK # FE	E\$ 281.60	PROJECT# 9	
N IFICATION TYPE	ORIGINAL X REVISION DA	ATES REVISION	NOTHER (HIGHLIGHT)	CANCELLATION
PROJECT TYPE	DEMOLITION ORDERED DEM	OLITION RENOVATION (R	EMOVAL) EMERGENCY RE	NO PLANNED RENO (WIRLL)
SI : INFORMATION	SITE NAME MC DONNELL	DOUGLAS - TOR	RANCE FACILITY	
SITE ADDRESS 1414	190TH STREET			
C TORRANCE	STATE	CA ZIP 90	501 COUNTY LO	S ANGELES
D SCRIBE WORK LOCATION	BUILDING # 37 TOWER			
BUILDING SIZE (SQ FT) 54,	000 SQ FIS Q FT NUMBER OF	FLOORS 4 BUILD	NG AGE (YEARS) 45 NUM	MBER OF DWELLING UNITS
F ESENT USE COMERCIA	L HOSPITAL INDUSTRIAL MISCE	LLANEOUS OFFICE PUBLICE	RUDG. RESIDENCE SCHOOL	SHIP UNIVICALEGE VACANT
PRIOR USE COMMERCIA	HOSPITAL INDUSTRAL MISCE	LIMEDUS OFFICE PUBLICE	LDG. RESIDENCE SCHOOL	SHIP UNIVICALLEGE VACANT
· EOWNER MC DONN	IELL DOUGLAS REALI	TY ADDRESS	4060 LAKEWOOD B	LVD
CTY LONG BEACH	STATE CA ZIP	90808 CONTACT M	ARIO STAVALE	PHONE 310-627-3014
REQUIRED BUILDING INFORMATION	ASBESTOS YES NO PRESENT?	ASBESTOS YES NO SURVEY?	ASBESTOS YES NO REMOVED?	BUILDING TO BE YES NO DEMOLISHED?
i COJECT DATES	START	END	WORK	SHIFT (am/pm)
NOVAL DATES	START 12/17/96	<b>END</b> 01/17/97	WORK	SHIFT (am/pm) AM
ASSESTOS AMOUNT TO BE THOVED (in square feet)	FRIABLE 1,500 SQ FT	CLASSI	CLASS II	TOTAL REMOVED(add row) 1,500 SQ FT
ASBESTOS REMOVED FROM	SURFACES	PIPE	is <u> </u>	COMPONENTS
SCRIBE THE MATERIALS	ACOUSTIC CEILING LING	LEUM INSULATION FIR	E PROOFING DUCTING	
FLOOR TILES (VAT) DRY	WALL PLASTER TRANSITE	OTHER (describer		
CHIRACTOR INFORMATION	CSLB LICENSE # 549566	OSHA REG #	.77 AQMD I	D# 97739
"ME CST ENVIRONMEN	NTAL, INC.	ADDRESS 210	OO E. VIA BURTON	
CITY ANAHEIM	STATE CA ZIP 9	2806 SITE SUPVR RI	CKY RICKARD	PHONE (714) 991-8300
'ASTE TRANSPORTER #1	SOUTHERN PACIFIC	TRANS LANDFILL E	CDC ENVIRONMENT	
ADDRESS 1 MARKET	PLAZA	ADDRESS 1	111 WEST HWY 12	3
my SAN FRANCIS	CO STATE CA ZIP 9	4104 CITY EAST	CARBON STATE	UT ZIP 84520
		· · · · · · · · · · · · · · · · · · ·		P 4 -40

	WASTE TRANSPORTER #2		WASTE STORAGE SITE		
VODRESS			ADORESS		
СПҮ	STATE	ZIP	CITY	STATE	ZIP
WORK, INDICATE RUL	BE WORK PRACTICES AND CO E 1403 PROCEDURE # 1, 2, 3, PROVAL PROCEDURE #:	NTROLS TO BE USE 4 OR 5 OR COMBINA	O AT THE DEMOLITION TIONS OF PROCEDURE	AND RENOVATION SITE. FOR A S USED. FOR PROCEDURES 4	ASBESTOS REMOVAL AND 5, SUBMIT PLANS
		FIVE			
	ON PROCEDURE: DESCRIBE T THE ANALYTICAL METHODS:	HE METHODS AND P		DETERMINE WHETHER ASSES	TOS IS PRESENT AT
	THOU CENT A CORV OF THE				
AUTHORIZING PERSON	LITION SEND A COPY OF THE N:	ORDER AND GIVE IF	E AGENCY NAME: TITLE DATE ORDERED T	O BEGIN:	
				N DECLARING/AUTHORIZING TI	HE EMERGENCY, DATE
10 HOUR OF EMERG	ENCY AND DESCRIBE THE SU	JODEN, UNEXPECTED	EVENT:		
~ PLAIN HOW THE EV	ENT WOULD CAUSE UNSAFE	CONDITIONS FOUR	JENT DANAGE OF LINE	EACOMADI E FINIANDIAL DI MODE	
			MENT DAMAGE OR DIAN	EASONABLE FINANCIAL BUHDE	EN:
PROTECTIVE CLC	COME CRUMBLED, PULVERIZED. (	DURES TO BE FOLLOW OR REDUCED TO POWE . PRESSURE DI	ED IF UNEXPECTED ASSES ER FULL CONTAIN FFERENTIAL SYS	EASONABLE FINANCIAL BUHDE STOS IS FOUND DURING DEMOLITIC VMENT, WET REMOVAL M FEMS USING HEPA FILT	ON OR NONFRIABLE
- AESTOS MATERIAL BEC PROTECTIVE CLO TISPOSE INTO 6 TRAINING CERTIFICATION	COME CRUMBLED, PULVERIZED, OPTHING, RESPIRATORS MIL PLASTIC BAGS	DURES TO BE FOLLOWING REDUCED TO POWE DI DOUBLED AND LE DURAL TRAINED IN THE POWER DURAL TRAINED	ED IF UNEXPECTED ASBES ER. FULL CONTAIN FFERENTIAL SYSTABELED	STOS IS FOUND DURING DEMOUTIC	ON OR NONFRIABLE TETHOD, TRATION SYSTEMS
PROTECTIVE CLC PROSE INTO E  TRAINING CERTIFICATI THE REMOVAL AND EVIDE	COME CRUMBLED, PULVERIZED, OTHING, RESPIRATORS MIL PLASTIC BAGS  ION: I CERTIFY THAT AN INDIVIDUAL THAT THE REQUIRED TRAIN	DURES TO BE FOLLOWING REDUCED TO POWE , PRESSURE DIDOUBLED AND LEDUCATE DE LE	ED IF UNEXPECTED ASBES ER. FULL CONTAIN FFERENTIAL SYSTABELED	STOS IS FOUND DURING DEMOLITIC VMENT, WET REMOVAL M FEMS USING HEPA FILT ON ACMORULE 1403 AND NESHAP W WILL BE AVAILABLE FOR INSPECTA	ON OR NONFRIABLE TETHOD, TRATION SYSTEMS
PRINT NAME OF OWNER	COME CRUMBLED, PULVERIZED, OPTHING, RESPIRATORS MIL PLASTIC BAGS  ION: I CERTIFY THAT AN INDIVIDUAL THAT THE REQUIRED TRAIN  SA RIOPERATOR	DURES TO BE FOLLOWING REDUCED TO POWE , PRESSURE DI DOUBLED AND LINUAL TRAINED IN THE PRING HAS BEEN ACCOMMING HAS BEEN ACCOMMI	ED IF UNEXPECTED ASBES ER FULL CONTAIL FFERENTIAL SYST ABELED ROVISIONS OF REGULATION FUELED BY THIS PERSON ATURE OF OWNER/OPE	STOS IS FOUND DURING DEMOLITIC NMENT, WET REMOVAL M FEMS USING HEPA FILT ON AOMO RULE 1403 AND NESHAP W WILL BE AVAILABLE FOR INSPECTIK	ON OR NONFRIABLE IETHOD, TRATION SYSTEMS WILL BE ON-SITE DURING ON DURING NORMAL
PRINT NAME OF OWNER	COME CRUMBLED, PULVERIZED, OPTHING, RESPIRATORS MIL PLASTIC BAGS  TON: I CERTIFY THAT AN INDIVIDUAL THAT THE REQUIRED TRAIN  SA RYOPERATOR  ICATION: I CERTIFY THAT THE A	DURES TO BE FOLLOWED OR REDUCED TO POWE OF REDUCED TO POWE OF THE POWE OF T	ED IF UNEXPECTED ASBES ER FULL CONTAIL FFERENTIAL SYST ABELED ROVISIONS OF REGULATION FUELED BY THIS PERSON ATURE OF OWNER/OPE	STOS IS FOUND DURING DEMOLITIC NMENT, WET REMOVAL M TEMS USING HEPA FILT ON ACMO RULE 1403 AND NESHAP W WILL BE AVAILABLE FOR INSPECTION FRATOR DATE  CLOSED ANY REQUIRED ATTACHMENT	ON OR NONFRIABLE IETHOD, TRATION SYSTEMS WILL BE ON-SITE DURING ON DURING NORMAL
PRINT NAME OF OWNER  ROBERT ESPINOS  ROBERT ESPINOS  ROBERT ESPINOS  PRINT NAME OF OWNER  ROBERT ESPINOS  PRINT NAME OF OWNER  ROBERT ESPINOS  NOTIFICATIONS ARE NOTIFICATIONS	COME CRUMBLED, PULVERIZED, OPTHING, RESPIRATORS OF MIL PLASTIC BAGS  NON: I CERTIFY THAT AN INDIVIDUAL THE REQUIRED TRAIN  SA RIOPERATOR  TO ACCEPTED WITHOUT THE	DURES TO BE FOLLOWED OR REDUCED TO POWE PRESSURE DIDUBLED AND LE DUAL TRAINED IN THE PRINCE HAS BEEN ACCOMMENTATION IS SIGNED ASBESTO LAKE CHECK PAYABLE	ED IF UNEXPECTED ASBES ER FULL CONTAIL FFERENTIAL SYS' ABELED ROVISIONS OF REGULATION ATURE OF OWNER/OPE ATURE OF OWNER/OPE S FEE (AQMD Rule 301) E TO "SCAQMD". FEES	STOS IS FOUND DURING DEMOLITIC NMENT, WET REMOVAL M TEMS USING HEPA FILT ON ACMO RULE 1403 AND NESHAP W WILL BE AVAILABLE FOR INSPECTION FRATOR DATE  CLOSED ANY REQUIRED ATTACHMENT	ON OR NONFRIABLE METHOD, TRATION SYSTEMS  WILL BE ON-SITE DURING ON DURING NORMAL  2/16/96  ENTS.  12/16/96  UARE FEET ARE
PRINT NAME OF OWNER  ROBERT ESPINOS  ROBERT ESPINOS  ROBERT ESPINOS  PRINT NAME OF OWNER  ROBERT ESPINOS  PRINT NAME OF OWNER  ROBERT ESPINOS  NOTIFICATIONS ARE NOTIFICATIONS	COME CRUMBLED, PULVERIZED, OPTHING, RESPIRATORS OF MIL PLASTIC BAGS  ION: I CERTIFY THAT AN INDIVIDUAL PROPERATOR  ICATION: I CERTIFY THAT THE ASSENCE PROPERATOR  OT ACCEPTED WITHOUT THE CATION AND FEES. PLEASE NAME ASSESTOS AMOUNT TO EVARE FEET  CUARE FEET  COURSE FEET  STATE OF THE PROPERTY OF THE ASSESTOR AMOUNT TO EVARE FEET  COURSE FEET  STATE OF THE ASSESTOR AMOUNT TO EVARE FEET  COURSE FEET  COURSE FEET  STATE OF THE ASSESTOR AMOUNT TO EVARE FEET  COURSE FEET  COURSE FEET  COURSE FEET	DURES TO BE FOLLOWED OR REDUCED TO POWE PRESSURE DIDUBLED AND LE DUAL TRAINED IN THE PRINCE HAS BEEN ACCOMMENTATION IS SIGNED ASBESTO LAKE CHECK PAYABLE	ED IF UNEXPECTED ASBES ER FULL CONTAIL FFERENTIAL SYS' ABELED ROVISIONS OF REGULATION ATURE OF OWNER/OPE ATURE OF OWNER/OPE S FEE (AQMD Rule 301) E TO "SCAQMD". FEES	STOS IS FOUND DURING DEMOLITIC NMENT, WET REMOVAL M TEMS USING HEPA FILT ON ACMO RULE 1403 AND NESHAP W WILL BE AVAILABLE FOR INSPECTA TRATOR DATE  TRATOR DATE	ON OR NONFRIABLE METHOD, TRATION SYSTEMS  WILL BE ON-SITE DURING ON DURING NORMAL  2/16/96  ENTS.  12/16/96  UARE FEET ARE

MAIL ORIGINAL TO: SCAONID, RULE 1403 ASBESTOS NOTIFICATIONS, P.O. BOX 4950, DIAMOND BAR, CA 91765-0950 TELEPHONE: (909) 396-2336 FAX: (909) 396-3342

12/16/96

\* REVISION \*

#### TEMPORARY WORKSITE NOTIFICATION FOR ASBESTOS and METHYLENEDIANILINE-RELATED WORK

COMPANY/EMPLOYER NAME:	CST ENVIRONMENTAL, INC.	97-109A	
HEADQUARTERS ADDRESS:	2100 EAST VIA BURTON STREET,	CA 92806	
*CONTRACTORS STATE LICENSE	E BOARD LICENSE NUMBER:	549566	
DOSH-OCCU (CAL/OSHA) *ASBES and/or *REPORT	STOS REGISTRATION NUMBER: OF USE" REGISTRY NUMBER:	177	
ADDRESS OF TEMPORARY WORD	-	MCDONNELL DOUGLAS - TOR	RAN
NEAREST INTERSECTION:	190TH AND WESTERN		
TYPE OF BUSINESS: COMM	ERICAL		
*NAME OF CERTIFIED SUPERVIS	OR: TODD NORDEEN		
*NAME OF QUALIFIED PERSON I *ABORATORY WORK, AND RES		/ EDM / PAUL ZAMBRANO	
*NAME OF CERTIFIED CONSULT	ANT: FORENSIC -		
PROJECTED JOB STARTING DATA	E: 09/06/96 PROJECTED COM	PLETION DATE: -01/31/97	•
DESCRIBE TYPE, SCOPE AND WO	ORK PRACTICES OF JOB: REMO	VAL OF APPROX 487.300 SO	FT
	BLE THROUGHOUT. SEE ATTAC		ON.
	METHOD, PROTECTIVE CLUTHING, PA FILTRATION SYSTEMS, DISPOSE	E INTO 6 MIL PLASTIC BAGS	
EVALUATION OF POTENTIAL FO	R FYPOSITE NO POTENTIAL EX	POSURE EXPECTED. WORKERS WI	LL
DON RESPIRATORY PROTECTION AN			
ESTIMATED NUMBER OF EMPLO	YEES ON THIS JOB: 10-	12	

ACCORDING TO TITLE 8 CCR SECTIONS 341.9 AND 1529(r) for ASBESTOS and 5200(p) for MDA, PLEASE SEND THIS COMPLETED NOTICE TO THE NEAREST DISTRICT COMPLIANCE OFFICE (SEE 'AITACHED LISTING), NOT TO DOSH HEADQUARTERS OR TO DOSH CONSULTATION, PRIOR TO COMMENCEMENT OF ANY SUCH WORK ACTIVITY.

NOTE:

ANY CHANGE IN THE INFORMATION PROVIDED TO THE DISTRICT OFFICE BY THE WRITTEN NOTICE SHALL BE REPORTED TO THE DISTRICT OFFICE WITHIN 24 HOURS OF

SUCH CHANGE.

CAL/OSHA 183B May, 1993

<sup>\*</sup> The star denotes asbestos inquiry only



CRIG. 10/16/96 12/02/96

## SOU': COAST AIR QUALITY MANAGEME. DISTRICT NOTIFICATION OF DEMOLITION OR ASBESTOS REMOVAL

21865 E. Copley Drive, Diamond Bar, CA 91765-4182 (909) 396-2000

	21865 E. Copley Drive, Diamond Bar, CA 91765-4182 (909) 396-2000
THE USE ONLY	SCREEN BY RECEIVED POSTMARK ENTERED BY NOTIFICATION \$
COMPLETED BY ROBERT	ALYRHEE COMPANY CST ENVIRONMENTAL, INC. PHONE (714) 991-8300
NATE 12/02/96 CHI	<del>-</del> -
NOTIFICATION TYPE	ORIGINAL REVISION DATES REVISION OTHER (HIGHLIGHT) X CANCELLATION
PROJECT TYPE	DEMOLITION CROERED DEMOLITION RENOVATION REVOVAL EMERGENCY RENO PLANNED RENOVARIAL
SITE INFORMATION	SITE NAME MC DONNELL DOUGLAS - TORRANCE FACILITY
SITE ADDRESS 1414	190TH STREET
ONY TORRANCE	STATE CA POSO1 COUNTY LOS ANGELES
DESCRIEE WORK LOCATION	THROUGHOUT PROPERTY
BUILDING SIZE (SQ FT) 50 9	9,050 SQ FT NUMBER OF FLOORS 4 BUILDING AGE (YEARS) 45 NUMBER OF DWELLING UNITS
PRESENT USE COMMERCIA	, HOSPITAL INDUSTRIAL MISCELLANBOUS OFFICE PUBLIC BLDG. RESIDENCE SCHOOL SHIP L'HIVICOLLEGE VACAN
PRIOR USE COMERCIA	HOSPITAL INDUSTRIAL MISCELLANEOUS OFFICE PUBLIC BLDG. RESIDENCE SCHOOL SHIP UNIVICALIEGE VACUATION
SITE OWNER MC DONN	VELL DOUGLAS REALITY ADDRESS 4060 LAKEWOOD BLVD
LONG BEACH	STATE CA ZIP 90808 CONTACT MARIO STAVALE PHONE 310-627-3014
REQUIRED BUILDING INFORMATION	ASBESTOS YES NO ASBESTOS YES NO ASBESTOS YES NO BUILDING TO BE YES, NO PRESENT? YES NO DEMOLISHED?
PROJECT DATES	START 09/06/96 END 12/31/96 WORK SHIFT (arr/pm)
REMOVAL DATES	START 10/17/96 END 12/31/96 WORK SHIFT (arm/pm)
ASBESTOS AMOUNT TO BE REMOVED (in square feet)	FRIABLE         CLASS I         CLASS II         TOTAL REMOVED(add row)           148,000 SQ FT         148,000 SQ FT         148,000 SQ FT
ASSESTOS REMOVED FROM	SURFACES PIPES COMPONENTS
DESCRIBE THE MATERIALS	ACOUSTIC CEILING LINOLEUM INSULATION FIRE PROOFING DUCTING ROOFING MASTIC
FLOOR TILES (VAT) DRY	WALL PLASTER TRANSITE OTHER (describe) METAL SIDING, WINDOW FRAMES
CONTRACTOR INFORMATION	CSLB LICENSE # 549566 OSHA REG # 177 AQMD ID # 97739
NAME CST ENVIRONMEN	4000000
CITY ANAHEIM	STATE CA ZIP 92806 SITE SUPVR TODD NORDEEN PHONE (714) 991-8300
"ASTE TRANSPORTER #1	SOUTHERN PACIFIC TRANS LANDFILL ECDC ENVIRONMENTAL
WOLE HOWISHOWIEW &	
ADDRESS 1 MARKET	PLAZA ADDRESS 1111 WEST HWY 123

WASTE TRANSPORTED	₹#2		WASTE STOP	AGE .		
ADDRESS		<u></u>	ADDRESS			
спү	STATE	ZIP	CITY		STATE	ZIP
WORK, INDICATE RULE	E WORK PRACTICES AND CO E 1403 PROCEDURE # 1, 2, 3, ROVAL. PROCEDURE #:	NTROLS TO BE U 4 OR 5 OR COMB	SED AT THE DEMOLIT NATIONS OF PROCES	ION AND RENOV DURES USED. FO	YATION SITE. FOR AS OR PROCEDURES 4 A	BESTOS REMOVAL ND 5, SUBMIT PLAN
	N PROCEDURE: DESCRIBE T THE ANALYTICAL METHODS:		D PROCEDURES USE	TO DETERMINE	WHETHER ASSEST	OS IS PRESENT AT
FOR CRDERED DEMOL AUTHORIZING PERSON DATE OF ORDER:	ITION SEND A COPY OF THE	ORDER AND GIVE	TITLE	ED TO BEGIN:		
	ENCY AND DESCRIBE THE SU	JODEN, UNEXPEC	TED EVENT:			·
EXPLAIN HOW THE EVE	ENCY AND DESCRIBE THE SU ENT WOULD CAUSE UNSAFE DESCRIBE ACTIONS AND PROCE SOME CRUMBLED, PULVERIZED,	CONDITIONS, EQUEDURES TO BE FOLLOW REDUCED TO PC	TED EVENT:  JIPMENT DAMAGE OF  OWED IF UNEXPECTED OWDER. FULL CON	UNREASONABLE  ASBESTOS IS FOUR  TAINMENT. W	E FINANCIAL BURDEN  O DURING DEMOLITION VET REMOVAL ME	NOR NONFRIABLE
EXPLAIN HOW THE EVE CONTINGENCY PLAN: ASSESTED MATERIAL BEG PROTECTIVE CLO DISPOSE INTO 6	ENCY AND DESCRIBE THE SU	CONDITIONS, EQUEDURES TO BE FOLLOW REDUCED TO PORTUGE TO BE DOUBLED AND DUAL TRAINED IN THE	TED EVENT:  JIPMENT DAMAGE OF  COWED IF UNEXPECTED A  DWDER. FULL CON  DIFFERENTIAL  LABELED  E PROVISIONS OF REGI	UNREASONABLE  ASBESTOS IS FOUN TAINMENT, M SYSTEMS USI	E FINANCIAL BURDEN  O DURING DEMOLITION VET REMOVAL ME ING HEPA FILTS	NOR NONFRIABLE ETHOD, RATION SYST
EXPLAIN HOW THE EVENT CONTINGENCY PLAN: ASSESTED MATERIAL BECOME TO THE PROTECTIVE CLO DISPOSE INTO 6 TRAINING CERTIFICATION FOR THE REMOVAL AND EVIDE BUSINESS HOURS. ROBERT ESPINOS	ENCY AND DESCRIBE THE SU ENT WOULD CAUSE UNSAFE DESCRIBE ACTIONS AND PROCE COME CRUMBLED, PULVERZED, THING, RESPIRATORS MIL PLASTIC BAGS ON: I CERTIFY THAT AN INDIVI INCE THAT THE REQUIRED TRAIL	CONDITIONS, EQUEDURES TO BE FOLLOW REDUCED TO PORTION AND DUAL TRAINED IN THIS HAS BEEN ACC	TED EVENT:  JIPMENT DAMAGE OF  COWED IF UNEXPECTED A  DWDER. FULL CON  DIFFERENTIAL  LABELED  E PROVISIONS OF REGI	LUNREASONABLE ASBESTOS IS FOUN TAINMENT, M SYSTEMS USI MATION AOMO RUL RSON WILL BE AVA	E FINANCIAL BURDEN  D DURING DEMOLITION  VET REMOVAL ME  LING HEPA FILTE  E 1403 AND NESHAP WILLABLE FOR INSPECTION	NOR NONFRIABLE ETHOD, RATION SYST
EXPLAIN HOW THE EVENT CONTINGENCY PLAN: ASSESTED MATERIAL BECOME TO TRAINING CERTIFICATION FOR THE REMOVAL AND EVIDE BUSINESS HOURS.  ROBERT ESPINOS PRINT NAME OF OWNERS INFORMATION CERTIFICATION CE	ENCY AND DESCRIBE THE SU ENT WOULD CAUSE UNSAFE DESCRIBE ACTIONS AND PROCE DIME CRUMBLED, PULVERZED, THING, RESPIRATORS MIL PLASTIC BAGS ON: I CERTIFY THAT AN INDIVIDANCE THAT THE REQUIRED TRAIL RIOPERATOR	CONDITIONS, EQUEDURES TO BE FOLLOW REDUCED TO PORTION OF PRESSURE DOUBLED AND DUAL TRAINED IN THING HAS BEEN ACC	TED EVENT:  JIPMENT DAMAGE OF  CWED IF UNEXPECTED.  CWED IF UNEXPECTED.  CWED IF UNEXPECTED.  COMPLETE OF OWNER  IGNATURE OF OWNER  ON IS CORRECT AND I HA	ASBESTOS IS FOUNT I AINMENT, WE ENCLOSED ANY	E FINANCIAL BURDEN  DO DURING DEMOLITION  VET REMOVAL ME  ING HEPA FILTE  E 1403 AND NESHAP WI  LLABLE FOR INSPECTION  DATE  REQUIRED ATTACHME	NOR NONFRIABLE ETHOD, RATION SYST  HILL BE ON SITE DURING NORMAL  2/02/96  NTS.
EXPLAIN HOW THE EVENT AND HOUR OF EMERGING CONTINGENCY PLAN: ASSESTED MATERIAL BECOMES INTO 6 PROTECTIVE CLO DISPOSE INTO 6 PRAINING CERTIFICATION OF CONTENT NAME OF CONTENT	ENCY AND DESCRIBE THE SU ENT WOULD CAUSE UNSAFE DESCRIBE ACTIONS AND PROCE DIME CRUMBLED, PULVERZED, THING, RESPIRATORS MIL PLASTIC BAGS ON: I CERTIFY THAT AN INDIVIDANCE THAT THE REQUIRED TRAIL RIOPERATOR ICATION: I CERTIFY THAT THE	CONDITIONS, EQUEDURES TO BE FOLLOW REDUCED TO PORTION OF PRESSURE DOUBLED AND DUAL TRAINED IN THING HAS BEEN ACCORDING HAS BEEN	TED EVENT:  JIPMENT DAMAGE OF  OWED IF UNEXPECTED.  OWDER. FULL CON  DIFFERENTIAL  LABELED  E PROVISIONS OF REG.  COMPUSHED BY THIS PE  IGNATURE OF OWNER  STOS FEE (AQMD RUKE  ABLE TO "SCAQMD".	ASBESTOS IS FOUNT I AINMENT, IN SYSTEMS USINATION AOND RULESON WILL BE AVAILUDE ENCLOSED ANY TOPERATOR  VOPERATOR  201). REMOVAL	E FINANCIAL BURDEN  O DURING DEMOUTION  VET REMOVAL ME  ING HEPA FILTE  E 1403 AND NESHAP WI  ILABLE FOR INSPECTION  DATE  REQUIRED ATTACHME  DATE  1  LESS THAN 100 SQU	NOR NON-RIABLE ETHOD, RATION SYST NULL BE ON-SITE DURING NORMAL.  2/02/96  NTS.  2/02/96  JARE FEET ARE

MAIL ORIGINAL TO: SCAOMD, RULE 1403 ASBESTOS NOTIFICATIONS, P.O. BOX 4950, DIAMOND BAR, CA 91765-0950 TELEPHONE: (909) 396-2336 FAX: (909) 396-3342

STATE LAW REQUIRES THAT YOU GIVE A COPY OF DEHOLITION HOTIFICATIONS TO YOUR LOCAL BUILDING AND SAFETY DEPARTMENT. PLEASE KEEP A COPY.

MOTE:

### CST ENVIRONMENTAL, INC

#### MC DONNELL DOUGLAS - TORRANCE FACILITY

#### FRIABLE:

FIRE PROOFING	47,000
PIPE INSULATION	10,000
FIRE DOORS	800
VIB JOINT CLOTH	500
SUB - TOTAL	60,000 sq ft

#### NON - FRIABLE:

ROOFING	191,000
VAT & MASTIC	94,000
WINDOW PUTTY	20,000
PENETRATION MASTIC	6,000
ASBESTOS WEATHERPROOFING	118,000
ON CORRUGATED METAL SIDING	
SUB - TOTAL	429,000 sq ft

REMOVAL OF APPROX. 487,300 SQ FT TOTAL

\* REVISION \*

# TEMPORARY WORKSITE NOTIFICATION FOR ASBESTOS and METHYLENEDIANILINE-RELATED WORK

COMPANY/EMPLOYER NAME:	CST ENVIRONMENTAL, INC.	97-109A
HEADQUARTERS ADDRESS:	2100 EAST VIA BURTON STREET,	CA 92806
*CONTRACTORS STATE LICENSE	BOARD LICENSE NUMBER:	549566
DOSH-OCCU (CAL/OSHA) *ASBES	TOS REGISTRATION NUMBER: OF USE" REGISTRY NUMBER:	177
ADDRESS OF TEMPORARY WORL	CSITE and PRECISE LOCATION:	MCDONNELL DOUGLAS - TORRANC
1414 190TH STREET, TORR	ANCE, CA 90501	
NEAREST INTERSECTION:	190TH AND WESTERN	
TYPE OF BUSINESS: COMM	ERICAL	
*NAME OF CERTIFIED SUPERVIS	OR: TODD NORDEEN	
*NAME OF QUALIFIED PERSON I I ABORATORY WORK, AND RESI		/ EDM / PAUL ZAMBRANO
*NAME OF CERTIFIED CONSULT	ANT: FORENSIC -	
PROJECTED JOB STARTING DATE	: <u>09/06/96</u> <b>PROJECTED COM</b>	PLETION DATE: 12/31/96
DESCRIBE TYPE, SCOPE AND WO	ORK PRACTICES OF JOB: REMO	VAL OF APPROX 487,300 SO FT
OF FRIABLE AND NON-FRIA	BLE THROUGHOUT. SEE ATTAC	HED FOR LISTED INFORMATION.
FULL CONTAINMENT, WET REMOVAL DIFFERENTIAL SYSTEMS USING HE	METHOD, PROTECTIVE CLOTHING, PA FILTRATION SYSTEMS, DISPOSE	RESPIRATORS, PRESSURE INTO 6 MIL PLASTIC BAGS
DOUBLED AND LABELED.  EVALUATION OF POTENTIAL FO	P EXPOSITE NO POTENTIAL EX	POSURE EXPECTED. WORKERS WILL
DON RESPIRATORY PROTECTION AN		TOOLS IN DOLLD WORKER WILL
ESTIMATED NUMBER OF EMPLO	YEES ON THIS JOB: 10-	12

ACCORDING TO TITLE 8 CCR SECTIONS 341.9 AND 1529(r) for ASBESTOS and 5200(p) for MDA, PLEASE SEND THIS COMPLETED NOTICE TO THE NEAREST DISTRICT COMPLIANCE OFFICE (SEE 'ATTACHED LISTING), NOT TO DOSH HEADQUARTERS OR TO DOSH CONSULTATION, PRIOR TO COMMENCEMENT OF ANY SUCH WORK ACTIVITY.

NOTE: ANY CHANGE IN THE INFORMATION PROVIDED TO THE DISTRICT OFFICE BY THE WRITTEN NOTICE SHALL BE REPORTED TO THE DISTRICT OFFICE WITHIN 24 HOURS OF SUCH CHANGE.

CAL/OSHA 183B May, 1993

<sup>\*</sup> The star denotes asbestos inquiry only



## SOUT. JOAST AIR QUALITY MANAGEMEN DISTRICT NOTIFICATION OF DEMOLITION OR ASBESTOS REMOVAL

21865 E. Copley Drive, Diamond Bar, CA 91765-4182 (909) 396-2000

	21865 E. Copiey Unive, Ularmond Bar, CA 91765-4182 (909) 396-2000
OND USE ONLY	SCREEN BY RECEIVED POSTMARK ENTERED BY NOTIFICATION #
COMPLETED BY ROBERT	/ ALYRHEE COMPANY CST ENVIRONMENTAL, INC. PHONE (714) 991-8300
IATE CH	ECK# FEE\$ 281.60 PROJECT# 97-109 A1
NOTIFICATION TYPE	ORIGINAL X REVISION DATES REVISION OTHER (HIGHLIGHT) CANCELLATION
. PROJECT TYPE	DEMOLITION ORDERED DEMOLITION RENOVATION (REMOVAL) EMERGENCY RENO PLANNED RENO (ANNUAL)
SITE INFORMATION	SITE NAME MC DONNELL DOUGLAS - TORRANCE FACILITY
SITE ADDRESS 1414	190TH STREET
TORRANCE	STATE CA ZIP 90501 COUNTY LOS ANGELES
DESCRIBE WORK LOCATION	THROUGHOUT PROPERTY
BUILDING SIZE (SQ FT) 50	9,050 SQ FT NUMBER OF FLOORS 4 BUILDING AGE (YEARS) 45 NUMBER OF DWELLING UNITS
PRESENT USE COMMERCIA	L HOSPITAL INDUSTRIAL MISCELLANEOUS OFFICE PUBLIC BLDG. RESIDENCE SCHOOL SHIP UNIVICOLLEGE VACANT
PRIOR USE COMMERCIA	HOSPITAL INDUSTRIAL MISCELLANEOUS OFFICE PUBLIC BLDG. RESIDENCE SCHOOL SHIP UNIVICALLEGE VACANT
SITE OWNER MC DON	NELL DOUGLAS REALITY ADDRESS 4060 LAKEWOOD BLVD
CITY LONG BEACH	STATE CA ZIP 90808 CONTACT MARIO STAVALE PHONE 310-627-3014
REQUIRED BUILDING INFORMATION	ASBESTOS YES NO ASBESTOS YES NO ASBESTOS YES NO BUILDING TO BE YES NO DEMOLISHED?
PROJECT DATES	START $09/06/96$ END $12/31/96$ WORK SHIFT (am/pm)
REMOVAL DATES	START $10/17/96$ END $12/31/96$ WORK SHIFT (arm/pm)
ASBESTOS AMOUNT TO BE REMOVED (in square feet)	FRIABLE         CLASS I         CLASS II         TOTAL REMOVED(add row)           148,000 SQ FT         148,000 SQ FT
ASBESTOS REMOVED FROM	SURFACES PIPES COMPONENTS
DESCRIBE THE MATERIALS	ACOUSTIC CEILING LINOLEUM INSULATION FIRE PROOFING DUCTING ROOFING MASTIC
FLOOR TILES (VAT) DRY	WALL PLASTER TRANSITE OTHER (describe) METAL SIDING, WINDOW FRAMES
CONTRACTOR INFORMATIO	N CSLB LICENSE # 549566
NAME CST ENVIRONME	ADDRESS
CITY ANAHEIM	STATE CA ZIP 92806 SITE SUPVR RICKY RICKARD PHONE (714) 991-8300
WASTE TRANSPORTER #1	SOUTHERN PACIFIC TRANS LANDFILL ECDC ENVIRONMENTAL
ADDRESS 1 MARKET	PLAZA ADDRESS 1111 WEST HWY 123
CITY SAN FRANCIS	SCO STATE CA ZIP 94104 CITY EAST CARBON STATE UT ZIP 84520
<del></del>	

Rule 1403 and NESHAP Asbestos Notification Form REV 960601:SV

Page 1 of 2

				•	
WASTE TRANSPORTER	#2		WASTE STORAGE S	SITE	
DORESS			ADDRESS	· .	
TTY	STATE	ZIP	CITY "	STATE	ZIP
WORK, INDICATE RULE				ND RENOVATION SITE. FOR A USED. FOR PROCEDURES 4	
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FOR ORDERED DEMOLI AUTHORIZING PERSON: ATE OF ORDER:	TION SEND A COPY OF TH	E ORDER AND GIVE	THE AGENCY NAME: TITLE DATE ORDERED TO	) BEGIN:	**************************************
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MAIL ORIGINAL TO: SCAQMD, RULE 1403 ASBESTOS NOTIFICATIONS, P.O. BOX 4950, DIAMOND BAR, CA 91765-0950 TELEPHONE: (909) 396-2336 FAX: (909) 396-3342

### CST ENVIRONMENTAL, INC

#### MC DONNELL DOUGLAS - TORRANCE FACILITY

#### FRIABLE:

FIRE PROOFING	47,000
PIPE INSULATION	10,000
FIRE DOORS	800
VIB JOINT CLOTH	500
SUB - TOTAL	60,000 sq ft

#### NON - FRIABLE:

ROOFING	191,000
VAT & MASTIC	94,000
WINDOW PUTTY	20,000
PENETRATION MASTIC	6,000
ASBESTOS WEATHERPROOFING	118,000
ON CORRUGATED METAL SIDING	
SUB - TOTAL	429,000 sq ft

REMOVAL OF APPROX. 487,300 SQ FT TOTAL



## SOUTH COAST AIR QUALITY MANAGEMENT STRICT NOTIFICATION OF DEMOLITION OR ASBESTOS REMOVAL

21865 E. Cooley Drive, Diamond Bar, CA 91765-4182 (909) 396-2000 POSTMARK ENTERED BY SCREEN BY RECEIVED HD SE ONLY NOTIFICATION # PHONE (714) 991-8300 MP' TED BY ROBERT/ ALYRHEECOMPANY CST ENVIRONMENTAL, INC. PROJECT# 97-109A TE 10/07/96 CHECK # FEE S 10.20 IF ATION TYPE **ORIGINAL REVISION DATES** REVISION OTHER (HIGHLIGHT) X CANCELLATION DEMOLITION ORDERED DEMOLITION (RENOVATION REMOVAL) **EMERGENCY RENO** PLANNED RENO WALKE COJECT TYPE TE FORMATION SITE NAME MC DONNELL DOUGLAS - TORRANCE FACILITY TE \*DORESS 1414 190TH STREET COUNTY LOS ANGELESE ZIP 90501 STATE TY TORRANCE CA HES LIBE WORK LOCATION THROUGHOUT BUILDING BUILDING AGE (YEARS) 45 NUMBER OF FLOORS 4 NUMBER OF DWELLING UNITS BUILDING SIZE (SQ FT) 509,050 OFFICE PUBLIC BLOG RESIDENCE UNIVICALIEGE PRI ENTUSE COLATERCIAL HOSPITAL LANGE TELLAND MISCRI ANEOUS SCHOOL DIDUSTRIAL. MISCELLAREOUS OFFICE PUBLIC BLOG RESIDENCE SCHOOL UNIVICALIEGE COLAMERCIAL HOSPITAL VACHE PR'TR USE **ADDRESS** MAER MC DONNELL DOUGLAS REALITY 4060 LAKEWOOD BOULEVARD STE# 600 CONTACT PHONE 10/ 6273014 ZIP 90808 STATE LONG BEACH MARIO STAVALE ASBESTOS YES **ASBESTOS** ASBESTOS YES NO YES BUILDING TO BE YES REQUIRED BUILDING PRESENT? SURVEY? REMOVED? DEMOLISHED? INTORMATION END START PROJECT DATES WORK SHIFT (andom) START 09/06/96 END R ADVAL DATES WORK SHIFT (am/pm) 12/31/96 CLASS II FRIABLE CLASSI TOTAL REMOVED(add row) ASBESTOS AMOUNT TO BE 58,300 SQ FT 429,000 SQ FT F MOVED (in square feet) 487,300 SQ FT SURFACES **PIPES** COMPONENTS ASBESTOS REMOVED FROM ACOUSTIC CEILING LINOLEUM (INSULATION \ FIRE PROOFING DUCTING ( ROOFING SCRIBE THE MATERIALS MASTIC PLEASE SEE ATTACHED LISTING. **PLASTER** TRANSITE OTHER (describe) OOR TILES (VAT) DRY WALL ACMD ID # 97739 CSLB LICENSE # 549566 **OSHA REG#** CONTRACTOR INFORMATION 177 **ADDRESS** AME CST ENVIRONMENTAL. INC. 2100 E. VIA BURTON PHONE (714) 991-830 ZIP 92806 SITE SUPVR RICKY RICKARD STATE CITY ANAHEIM CA LANDFILL STE TRANSPORTER #1 SOUTHERN PACIFIC TRANS ECDC ENVIRONMENTAL ADDRESS' NOORESS 1 MARKET PLAZA 1111 WEST HWY 123

Notification Form REV 960601:SV

CA

**ZIP** 94104

CITY EAST CARBON

STATE

CITY SAN FRANCISCO

**ZP** 8452(

STATE

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کوانے ان پاک اور ان پاک		ADDRESS		
STATE	ZIP	CITY ·	STATE	ZIP
TROLS: DESCRIBE WORK PRACTICES AND CON K. INDICATE RULE 1403 PROCEDURE # 1, 2, 3, 4 IMD PRIOR APPROVAL. PROCEDURE #:	TROLS TO BE USED OR 5 OR COMBINAT	) AT THE DEMOLITION A TIONS OF PROCEDURES	NO RENOVATION SITE. FOR A USED. FOR PROCEDURES 4	SBESTOS REMOVAL AND 5, SUBMIT PLANS
	ONE, TW	O AND THREE		
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	PLM			•
ORDERED DEMOLITION SEND A COPY OF THE CORDINARY OF ORDER:	ORDER AND GIVE TH	IE AGENCY NAME: TITLE DATE ORDERED TO	BEGIN:	
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STOS MATERIAL BECOME CRUMBLED, PULYERIZED, C DTECTIVE CLOTHING, RESPIRATORS	PRESSURE DI PRESSURE DI DOUBLED AND L UAL TRAINED IN THE P ING HAS BEEN ACCOM	FF FULL CONTAIN FFERENTIAL SYST ABELED ROVISIONS OF REGULATION PUBLISHED BY THIS PERSON V	MENT, WET REMOVAL M EMS USING HEPA FILT  ACAMO RULE 1403 AND NESHAP W	ETHOD, RATION SYSTE
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MAIL ORIGINAL TO: SCAOMD, RULE 1403 ASBESTOS NOTIFICATIONS, P.O. BOX 4950, DIAMOND BAR, CA 91765-0950 TELEPHONE: (909) 396-2336 FAX: (909) 396-3342

Rule 1403 and NESHAP Asbestos Notification Form REV 960601;SV

Paga 2 of 2



# SOUTH LUAST AIR QUALITY MANAGEMEN' STRICT NOTIFICATION OF DEMOLITION OR ASBESTOS REMOVAL

21865 E. Copley Drive, Diamond Bar, CA 91765-4182 (909) 396-2000

	21865 E. Copley Unive	e, Diarmond Bar, CA 91/55-4182 (909) 395-2	900
NOI ) USE ONLY	SCREEN BY RECEIVED	POSTMARK ENTERED BY	NOTIFICATION #
COMPLETED BY ROBERT	ALYRHEECOMPANY CST ENVIRO	ONMENTAL, INC. PHONE (714) 99	1-8300
DA : 09/18/96 CH	ECK# FEE\$ 1	0.20 <b>PROJECT#</b> 9	7-109A
NC FICATION TYPE	ORIGINAL REVISION DATES	REVISION OTHER (HIGHLIGHT) X	CANCELLATION
PROJECT TYPE	DEMOLITION ORDERED DEMOLITION	RENOVATION (REMOVAL) EMERGENCY R	ENO PLANNED RENO (AMALIA)
SI INFORMATION	SITE NAME MC DONNELL DOUG	GLAS - TORRANCE FACILITY	
SITE ADDRESS 1414	190TH STREET		
CI / TORRANCE	STATE CA	ZIP 90501 COUNTY LO	S ANGELESE
DESCRIBE WORK LOCATION	THROUGHOUT BUILDING		
BUILDING SIZE (SQ FT) 5	09,050 NUMBER OF FLOORS	4 BUILDING AGE (YEARS) 45 N	UMBER OF DWELLING UNITS
P SENT USE COLARERCIA	HOSPITAL INDUSTRIAL MISCELLANEOUS	OFFICE PUBLIC BLDG. RESIDENCE SCHOOL	OL SHIP UNIVICOLLEGE VACANT
PRIOR USE COMMERCIA	HOSPITAL INDUSTRIAL MISCELLANEOUS	OFFICE PUBLIC BLDG. RESIDENCE SCHOOL	SHIP UNIVICOLLEGE VACANT
: OWNER MC D	ONNELL DOUGLAS REALITY	ADDRESS 4060 LAKEWOOD BO	OULEVARD STE# 600
TY LONG BEACH	STATE CA ZIP 90808	CONTACT MARIO STAVALE	PHONE 310/ 6273014
I QUIRED BUILDING INFORMATION	ASBESTOS YES NO ASBES PRESENT? SURVE	TOS YES NO ASBESTOS YES NO REMOVED?	_4
: (OJECT DATES	START	END WOF	RK SHIFT (am/pm)
PEMOVAL DATES	START 09/06/96	END 12/31/96 WOF	RK SHIFT (am/pm)
ASBESTOS AMOUNT TO BE REMOVED (in square feet)	FRIABLE 58,300 SQ FT 429	CLASS II , 000 SQ FT	TOTAL REMOVED(add row) 487,300 SQ FT
. SBESTOS REMOVED FRO	M SURFACES	PIPES	COMPONENTS
ESCRIBE THE MATERIALS	ACOUSTIC CEILING LINOLEUM	INSULATION FIRE PROOFING DUCTING	ROOFING MASTIC
FLOOR TILES (VAT) DRY	WALL PLASTER TRANSITE OTI	HER (describe) PLEASE SEE ATTAC	HED LISTING.
ONTRACTOR INFORMATIO	CSLB LICENSE # 549566	OSHA REG# 177 AQM	97739
NAME CST ENVIRONME	ENTAL, INC.	ADDRESS 2100 E. VIA BURTON	
STY ANAHEIM	STATE CA ZIP 92806	SITE SUPVR RICKY RICKARD	PHONE (714) 991-8300
STE TRANSPORTER #1	SOUTHERN PACIFIC TRANS	S LANDFILL ECDC ENVIRONMENT	
ADDRESS 1 MARKET	PLAZA	ADDRESS <sup>1</sup> 1111 WEST HWY 12	3
SAN FRANCISO	CO STATE CA ZIP 94104	CITY EAST CARBON STA	TE 'UT ZP 84520

Rule 1403 and NESHAP Asbestos Notification Form REV 960601:SV

Page 1 of 2

1	TE TRANSPORTER #2		WASTE STORAGE	SITE	
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	STATE	ZIP	СПУ	STATE	ZIP
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		ONE AND TH	HREE		
AS THL	ISTOS DETECTION PROCEDURE: DESCRIBE SITE, INCLUDING THE ANALYTICAL METHOD	THE METHODS AND PR S:	OCEDURES USED TO	DETERMINE WHETHER ASBES	TOS IS PRESENT AT
		PLM			
AUTH	ORDERED DEMOLITION SEND A COPY OF THORIZING PERSON: E OF ORDER:	E ORDER AND GIVE THE	E AGENCY NAME: TITLE DATE ORDERED TO	O BEGIN:	
FOR A) ^	EMERGENCY ASBESTOS REMOVAL GIVE THOUR OF EMERGENCY AND DESCRIBE THE	E NAME AND PHONE NU SUDDEN, UNEXPECTED	IMBER OF THE PERSON EVENT:	N DECLARING/AUTHORIZING T	HE EMERGENCY, DATE
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C NECTOR ROTE ROTE ROTE ROTE ROTE ROTE ROTE R	LAIN HOW THE EVENT WOULD CAUSE UNSAF  TINGENCY PLAN: DESCRIBE ACTIONS AND PRO- ISTOS MATERIAL BECOME CRUMBLED, PULVERIZE DIECTIVE CLOTHING, RESPIRATO SPOSE INTO 6 MIL PLASTIC BAG  INING CERTIFICATION: I CERTIFY THAT AN IND REMOVAL AND EVIDENCE THAT THE REQUIRED TO RESS HOURS.  DEERT ESPINOSA IT NAME OF OWNER/OPERATOR  ORMATION CERTIFICATION: I CERTIFY THAT TO DEERT ESPINOSA	CCEDURES TO BE FOLLOWED, OR REDUCED TO POWDERS, PRESSURE DITES DOUBLED AND LANDUAL TRAINED IN THE PRAINING HAS BEEN ACCOMPANDED ABOVE INFORMATION IS BEEN ASSESTORE MAKE CHECK PAYABLE	D IF UNEXPECTED ASSEST FULL CONTAIN FERENTIAL SYSTEM BELED ROVISIONS OF REGULATION BY THIS PERSON THE OF OWNER/OPE CORRECT AND I HAVE EN ATURE OF OWNER/OPE SEE (AQMD Rule 301) E TO "SCAQMD". FEES	STOS IS FOUND DURING DEMOLITING MENT, WET REMOVAL INTERNS USING HEPA FILTON ACMORILE 1403 AND NESHAP WILL BE AVAILABLE FOR INSPECTIONATE DATE  RECLOSED ANY REQUIRED ATTACHMENTATION DATE  RECLOSED THAN 100 SECTION 100 SECTI	ON OR NONFRIABLE METHOD, TRATION SYSTEM  WILL BE ON-SITE DURING ION DURING NORMAL  09/19/96  MENTS.  09/19/96

MAIL ORIGINAL TO: SCAQMD, RULE 1403 ASBESTOS NOTIFICATIONS, P.O. BOX 4950, DIAMOND BAR, CA 91765-0950 TELEPHONE: (909) 396-2336 FAX: (909) 396-3342

Rule 1403 and NESHAP Asbestos Notification Form REV 960601;SV

MOTE:

Page 2 of 2

# ST ENVIRONMENTAL, INC

#### MC DONNELL DOUGLAS - TORRANCE FACILITY

#### FRIABLE:

FIRE PROOFING	47,000
PIPE INSULATION	10,000
FIRE DOORS	800
VIB JOINT CLOTH	500

SUB - TOTAL 60,000 sq ft

#### NON - FRIABLE:

ROOFING	191,000
VAT & MASTIC	94,000
WINDOW PUTTY	20,000
PENETRATION MASTIC	6,000
ASBESTOS WEATHERPROOFING	118,000
ON CORRUGATED METAL SIDING	garage and the same and the sam
SUB - TOTAL	429,000 sq ft

REMOVAL OF APPROX. 487,300 SQ FT TOTAL



# SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT NOTIFICATION OF DEMOLITION OR ASBESTOS REMOVAL

21865 E. Copley Drive, Diamond Bar, CA 91765-4182 (909) 396-2000

			21865	E. Cop	,evinu yek	Diamond	Bar, CA	91/65-4	182 (909	396-200	<u> </u>		
AUD USE ONLY	sc	REEN BY	RE	CEIVED		POST	MARK		ENTERE	D BY	e Veren i	NOTIFICA	ATION #
OMPLETED BY ROB	ERT/ AI	LYRHEI	COMPANY	CST	ENVIRO	NMENTAI	L, INC	<u>Э.</u> РН	ONE (71	4) 991	-8300		
DATE 08/23/96	CHECK	#		FEI	<b>E\$</b> 28	1,60				<b>T#</b> 97.			
OTIFICATION TYPE	OF	RIGINAL )	( REVIS	ION DA	TES	F	EVISIO	OTHER	(HIGHLIGH	r)	CANCE	LLATION	<u></u>
PROJECT TYPE	DE	MOLITION	ORDERI	ED DEM	OLITION	RENOV	ATION (R	ÈMOVAL)	EMERG	ENCY REI	NO F	PLANNED RENC	(ANNUAL
ITE INFORMATION	SIT	TE NAME	MC DON	NELL	DOUG	LAS -	TORI	RANCE	FACI	LITY			
TITE ADDRESS 1/2	14 19	отн з	STREET		•								-
CTY TORRANC	CE		STATE	E CA		2	<b>1P</b> 905	501	COUNT	Y LOS	ANGE	ELESE	
NESCRIBE WORK LOCA	ATION	THRO	исност	BUII	LDING							•	
BUILDING SIZE (SQ FT)	509,	,050	NUMB	ER OF	FLOORS	4	BUILD	ING AGE (	YEARS)4	5 NUN	ABER OF	DWELLING UN	TS
PRESENT USE COM	IERCIAL	HOSPITAL	INDUSTRIAL	Miscel	LANEOUS	OFFICE	Pusuce	BLOG. F	RESIDENCE	SCHOOL.	SHIP	UNIVICOLLEGE	VACAN
PRIOR USE Com	ERCIAL	HOSPITAL	Industrial	MISCEL	LANEOUS	OFFICE	Pusuc	audg. F	RESIDENCE	SCHOOL	SHIP	UNIV/COLLEGE	VACAN
SITE OWNER MC	DONN	IELL D	OUGLAS	REA	LITY	ADDRE	<b>ss</b> 4(	)60 L	AKEWO(	D BOU	JLEVA	RD STE#	600
ONG BEAC	Н	STATE	CA	ZIP 9	0808	CONTA	CT MA	ARIO S	STAVAI	ΣE	PHO	<b>%</b> 310/ 627	3014
REQUIRED BUILDING INFORMATION			TOS YES	NO	ASBEST SURVEY	OS YES	S NO	ASBES' REMOV		s no	BUILD		es (Ni
PROJECT DATES		START				END				WORK	SHIFT (a	am/pm)	
REMOVAL DATES		START	09/06/	96		END	12/	/31/96	5	WORK	SHIFT (a	am/pm)	
ASBESTOS AMOUNT TO REMOVED (in square fe		58,3	FRIABLE 00 SQ	FT		<b>CLASS I</b> 000 S (	Q FT		CLASS II			L REMOVED(ax 300 SQ F	
ASBESTOS REMOVED	FROM		SURFA	CES		(	PIP	ES			COMPO	NENTS	······································
DESCRIBE THE MATER	IALS	ACOUS	TIC CEILING	LINO	LEUM (	INSULATIO	N FIF	RE PROOF	ING D	UCTING	RO	OFING	MASTK
FLOOR TILES (VAT)	DRY WAL	L PLA	STER TF	ANSITE	OTHE	ER (describ	PL	EASE	SEE A	TTACH	ED L	ISTING.	
CONTRACTOR INFORM	ATION	CSLB LI	CENSE # 5	49566		OSHA R	EG#	177		AQMD	ID# <sub>97</sub>	739	
NAME CST ENVIRO	NMENTA	<u></u>				ADDRES	ss <sub>210</sub>	00 E.	VIA BU		· · · · · · · · · · · · · · · · · · ·		
CITY ANAHEIM		STATE	CA	ZIP 9	2806	SITE SU			RICKA		PHON	E <sub>(714) 991</sub>	-8300
WASTE TRANSPORTER	#1 FA	LCON	DISPOS			LANDFIL			MOUNT				
ADDRESS 2531	EAST	67TH	STREET			ADDRES			_			TH STREE	Т
CITY LONG BEAC	Н	STATE	CA	<b>ZIP</b> 9	0805	CITY	/ELTO	N	- <del> </del>	STAT	E <sub>AZ</sub>	ZIP 8	5356

Dilla 1403 and NESHAP Asbestos Notification Form REV 960601:SV

**WASTE TRANSPORTER #2** WASTE STORAGE SITE **AUDRESS ADDRESS** STATE ZIP CITY ' STATE TY ZIP CONTROLS: DESCRIBE WORK PRACTICES AND CONTROLS TO BE USED AT THE DEMOLITION AND RENOVATION SITE. FOR ASBESTOS REMOVAL MORK, INDICATE RULE 1403 PROCEDURE # 1, 2, 3, 4 OR 5 OR COMBINATIONS OF PROCEDURES USED. FOR PROCEDURES 4 AND 5, SUBMIT PLANS OR AOMD PRIOR APPROVAL. PROCEDURE #: ONE AND THREE SBESTOS DETECTION PROCEDURE: DESCRIBE THE METHODS AND PROCEDURES USED TO DETERMINE WHETHER ASBESTOS IS PRESENT AT THE SITE, INCLUDING THE ANALYTICAL METHODS: PLM FOR ORDERED DEMOLITION SEND A COPY OF THE ORDER AND GIVE THE AGENCY NAME: UTHORIZING PERSON: ATE OF ORDER: DATE ORDERED TO BEGIN: FOR EMERGENCY ASBESTOS REMOVAL GIVE THE NAME AND PHONE NUMBER OF THE PERSON DECLARING/AUTHORIZING THE EMERGENCY, DATE ND HOUR OF EMERGENCY AND DESCRIBE THE SUDDEN, UNEXPECTED EVENT: EXPLAIN HOW THE EVENT WOULD CAUSE UNSAFE CONDITIONS, EQUIPMENT DAMAGE OR UNREASONABLE FINANCIAL BURDEN. CONTINGENCY PLAN: DESCRIBE ACTIONS AND PROCEDURES TO BE FOLLOWED IF UNEXPECTED ASBESTOS IS FOUND DURING DEMOLITION OR NONFRIABLE ASSESTOS MATERIAL BECOME CRUMBLED, PULVERIZED, OR REDUCED TO POWDER. FULL CONTAINMENT, WET REMOVAL METHOD, PROTECTIVE CLOTHING, RESPIRATORS, PRESSURE DIFFERENTIAL SYSTEMS USING HEPA FILTRATION SYSTEMS. DISPOSE INTO 6 MIL PLASTIC BAGS DOUBLED AND LABELED TRAINING CERTIFICATION: I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF REGULATION AOMD RULE 1403 AND NESHAP WILL BE ON-SITE DURING THE REMOVAL AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPUSHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL JUSINESS HOURS. SIGNATURE OF OWNER/OPERATOR PRINT NAME OF OWNER/OPERATOR 08/23/96 DATE INFORMATION CERTIFICATION: I CERTIFY THAT THE ABOVE INFORMATION IS COMRECT AND I HAVE ENCLOSED ANY REQUIRED ATTACHMENTS. dut ROBERT ESPINOSA PRINT NAME OF OWNER/OPERATOR SIGNATURE OF OWNER/OPERATOR DATE 08/23/96 NOTIFICATIONS ARE NOT ACCEPTED WITHOUT THE REQUIRED ASBESTOS FEE (AQMD Rule 301), REMOVAL LESS THAN 100 SQUARE FEET ARE EXEMPT FROM NOTIFICATION AND FEES. PLEASE MAKE CHECK PAYABLE TO "SCAQMD". FEES ARE PER NOTIFICATION, NOT REFUNDABLE, AND VARY ACCORDING TO THE ASBESTOS AMOUNT TO BE REMOVED. FEES ARE AS FOLLOWS: FROM 100 TO 1,000 SQUARE FEET \$ 10.24 DEMOLITIONS \$ 25.60 FROM 1,001 TO 5,000 SQUARE FEET \$ 76.81 REVISIONS \$ 10.24 \$179.20 CANCELLATIONS FROM 5,001 TO 10,000 SQUARE FEET \$ 00.00 MORE THAN 10,000 SQUARE FEET \$281.64 PROCEDURE 4 OR 5 PLANS \$281,64

MAIL ORIGINAL TO: SCAQMD, RULE 1403 ASBESTOS NOTIFICATIONS, P.O. BOX 4950, DIAMOND BAR, CA 91765-0950 TELEPHONE: (909) 396-2336 FAX: (909) 396-3342

STATE LAW REQUIRES THAT YOU GIVE A COPY OF DEMOLITION NOTIFICATIONS TO YOUR LOCAL BUILDING AND SAFETY DEPARTMENT. PLEASE KEEP A COPY

MOTE:

# TEMPORARY WORKSITE NOTIFICATION FOR ASBESTOS and METHYLENEDIANILINE-RELATED WORK

COMPANY/EMPLOYER NAME:	CST ENVIRONMENTAL, INC.	97-109A
HEADQUARTERS ADDRESS:	2100 EAST VIA BURTON STREET,	CA 92806
*CONTRACTORS STATE LICENS	E BOARD LICENSE NUMBER:	549566
DOSH-OCCU (CAL/OSHA) *ASBE and/or *REPORT	STOS REGISTRATION NUMBER: OF USE" REGISTRY NUMBER:	177
ADDRESS OF TEMPORARY WOR	KSITE and PRECISE LOCATION:	MCDONNELL DOUGLAS - TORRANCE
1414 190TH STREET, TORI	RANCE, CA 90501	
NEAREST INTERSECTION:	190TH AND WESTERN	
TYPE OF BUSINESS:COMN	1ERICAL	
*NAME OF CERTIFIED SUPERVI	SOR: RICKY RICKARD	
*NAME OF QUALIFIED PERSON LABORATORY WORK, AND RES	IN CHARGE OF AIR MONITORING PIRATORS:  RICKY RICKARD	/ EDM / PAUL ZAMBRANO
*NAME OF CERTIFIED CONSULT	FORENSIC -	
PROJECTED JOB STARTING DAT	E: 09/06/96 PROJECTED COM	MPLETION DATE: 12/31/96
DESCRIBE TYPE, SCOPE AND W	ORK PRACTICES OF JOB: REM	OVAL OF APPROX 487,300 SO FT
OF FRIABLE AND NON-FRIA	BLE THROUGHOUT. SEE ATTA	CHED FOR LISTED INFORMATION.
DIFFERENTIAL SYSTEMS USING H	L METHOD, PROTECTIVE CLOTHING, EPA FILTRATION SYSTEMS, DISPOS	RESPIRATORS, PRESSURE E INTO 6 MIL PLASTIC BAGS
DOUBLED AND LABELED.	DE EXPOSIDE: NO POTENTIAL F	XPOSURE EXPECTED. WORKERS WILL
DON RESPIRATORY PROTECTION A		
ESTIMATED NUMBER OF EMPLO	OYEES ON THIS JOB: 10	-12

ACCORDING TO TITLE 8 CCR SECTIONS 341.9 AND 1529(r) for ASBESTOS and 5200(p) for MDA, PLEASE SEND THIS COMPLETED NOTICE TO THE NEAREST DISTRICT COMPLIANCE OFFICE (SEE ATTACHED LISTING), NOT TO DOSH HEADQUARTERS OR TO DOSH CONSULTATION, PRIOR TO COMMENCEMENT OF ANY SUCH WORK ACTIVITY.

NOTE:

ANY CHANGE IN THE INFORMATION PROVIDED TO THE DISTRICT OFFICE BY THE WRITTEN NOTICE SHALL BE REPORTED TO THE DISTRICT OFFICE WITHIN 24 HOURS OF SUCH CHANGE.

CAL/OSHA 183B May, 1993

<sup>\*</sup> The star denotes asbestos inquiry only



Contractor License #549566 DOSH #177 2100 East Via Burton Street Anaheim, CA 92806 714/991-8300 FAX 714/991-8226

December 17, 1996

South Coast Air Quality Management District Air Toxics Unit 21865 East Copely Drive Diamond Bar, CA 91765-4182

Attn: Mr. Sam Vergara

RE: McDonnell Douglas Torrance Facility,

Remediation and Demolition for Phase 1

1414 West 190th Street, Torrance, California

Subject:

Request for Procedure 5 Approval dated December 17, 1996 revised

Controlled Demolition of Building 37 Tower

Confirmation of Verbal Approval

Dear Mr. Vergara,

Pursuant to our conversation, this letter will serve as a confirmation of SCAQMD approval for work practices proposed in the above document.

I would like to thank you for all your cooperation on this application and look forward to our continued working relationship.

Please do not hesitate to contact me if you have any questions.

Sincerely,

Patrick Hussey Project Manager.

pat.527

### CST ENVIRONMENTAL, INC

Contractor License #549566 DOSH #177 2100 East Via Burton Street Anaheim, CA 92806 714/991-8300 FAX 714/991-8226

(

October 23, 1996

South Coast Air Quality Management District Air Toxics Unit 21865 East Copely Drive Diamond Bar, CA 91765-4182

Attn: Mr. Sam Vergara

RE: McDonnell Douglas Torrance Facility,

Remediation and Demolition for Phase 1 1414 West 190th Street, Torrance, California

Subject:

Request for Procedure 5 Approval dated October 17, 1996

Confirmation of Verbal Approval

Dear Mr. Vergara,

Pursuant to our conversation, this letter will serve as a confirmation of SCAQMD approval for work practices proposed in the above document.

I would like to thank you for all your cooperation on this application and look forward to our continued working relationship.

Please do not hesitate to contact me if you have any questions.

Sincerely

Patrick Hussey Project Manager.

pat.527

### **CST** ENVIRONMENTAL, INC

71 Intractor License #549566 DOSH #177 2100 East Via Burton Street Anaheim, CA 92806 714/991-8300 FAX 714/991-8226

October 15, 1996

South Coast Air Quality Management District Air Toxics Unit 21865 East Copely Drive Diamond Bar, CA 91765-4182

Attn: Mr. Sam Vergera

RE: McDonnell Douglas Torrance Facility, Remediation and Demolition for Phase 1 1414 West 190th Street, Torrance, California

Subject: Request for Review and Approval of Proposed Work Practices

Procedure 5

Dear Mr. Vergera,

Based on my recent conversation with Mr. Michal Haynes I am providing you with our proposed work practices to remove construction systems that use asbestos containing materials as a part of the system. These include, sheetmetal siding covered with asbestos weatherproofing, and Metal Window Frames with asbestos window putty. Additionally I would like to include roof flashing materials at parapet walls of brick buildings, roof penetration tar and sealants, and flooring mastic on wood floor surfaces.

#### **Project Objective:**

The objective of this workplan is to provide a work procedure that will ensure that the asbestos containing materials removed as part of the project will not be significantly impacted during the work activities. This work plan will discuss the approach necessary to achieve the above goals within the guidelines set forth under Rule 1403 Procedure 5. Further, All work for this project will comply with all applicable Federal, State and Local regulations.

#### Background:

The scope of work at the project site involves the demolition of approximately 12 building and attached and detached shacks. A pre demolition asbestos survey was conducted by Hall-Kimbrell Environmental Services and Forensic Analytical. Asbestos containing materials have been found at various locations throughout the project site. Asbestos containing materials are presently being removed from various locations using procedures 1, 2 and 3, as identified in the attached notification document.

McDonnell Douglas Procedure 5 Workplan

#### Work Implementation and Sequencing.

The following portion of the plan shall discuss individual materials and the proposed procedures for the removal and disposal of such materials.

#### Sheetmetal Siding Covered with Asbestos Containing Weatherproofing.

The objective of this specific removal operation is to remove approximately 118,000 square feet of sheetmetal siding covered with asbestos weatherproofing material similar in composition to roof felts. The weatherproofing is bonded to the siding in such a manner that delamination during removal is unlikely. It is my professional opinion and the opinion of Hall Kimbrell Environmental Services that this material is classified as Class 1 Nonfriable Asbestos material.

#### Material Location and Quantities:

Presently the material is located on 3 separate building structures in the following quantities and asbestos content.

Building	37	90,160 sq. ft.	2% Asbestos	Class I Nonfriable
Building	57	≈18,000 sq. ft	2-25% Asbestos	Class I Nonfriable
Building	58	13,300 sq. ft.	25% Asbestos	Class I Nonfirable

#### Typical Construction:

Typical fastening methods found at this location for these materials is the sheetmetal siding is fastened to building with bolts attached to metal straps. The metal straps are wrapped around the structural steel framing. Building age on an average is 45 years old. All fastening systems are currently in a condition that disallow normal removal using hand tools.

#### Planned Removal Procedures:

- a. Work area shall be isolated and demarcated with asbestos warning barrier tape.
- b. Sheetmetal siding shall be continually and adequately wetted during the removal process.
- c. Drop cloths shall be placed along the area of work to contain the work area to the extent feasible.
- d. Sheetmetal siding shall be removed primarily using a backhoe (heavy equipment) equipped with a thumb attachment. This will allow the siding to be securely held and pulled away from the structural framing.
- e. Sheetmetal siding shall be pulled away from the building with this equipment causing the fastening system to breakaway and release the

siding from its secured position. It is the intent to remove all siding sections as units or in sections.

- f. Sheetmetal siding shall be stockpiled close to the work for future placement within properly lined 40 cubic yard disposal containers. The material shall be properly labeled for transport and disposal as asbestos containing waste materials.
- g. All floor surfaces in the isolated work area shall be cleaned of visible contamination with a HEPA filtered vacuum or by wet wiping prior to removing drop cloths. (see the attached SCAQMD permits)
- h. The sequence will be repeated until all siding is removed.
- i. The final disposition of the entire metal siding system shall be direct burial.

#### Metal Frame Windows with Asbestos Containing Window Putty:

The objective of this specific removal operation is to remove approximately 20,000 square feet of Metal Frame Windows with Asbestos Containing Window Putty. It is my professional opinion that this material is classified as Class 1 Nonfriable Asbestos material.

#### Material Location and Quantities:

Presently the material is located on 6 separate building structures throughout the project. They are Building 29,33,34,36,37 and 61, with an average of 1-5% Asbestos that is Class I Nonfriable.

#### Typical Construction:

Typical fastening methods found at this location for these materials is the metal window frames have been bolted to the building structure. Building age on an average is 45 years old. All fastening systems are currently in a condition that disallow normal removal using hand tools.

#### Planned Removal Procedures:

The removal procedure for this construction unit is identical as above for the sheetmetal siding. The final disposition of the entire window system shall be direct burial in properly labeled and lined 40 cubic yard waste containers.

#### Roof Flashing Materials at Parapet Walls of Brick Buildings:

The objective of this removal operation is to remove approximately 5000 square feet of roof flashing bonded to the red brick surfaces of the parapet walls. The flashing system consists of roof felts on tar with sealants and is attached in such a manner that the brick/flashing system should be considered as a unit. It is my professional opinion and the opinion of Hall Kimbrell Environmental Services that this material is classified as Class 1 Nonfriable Asbestos material.

McDonnell Douglas Procedure 5 Workplan

#### Planned Removal Procedures:

- a. Work area shall be isolated and demarcated with asbestos warning barrier tape.
- b. Roof flashing shall be continually and adequately wetted during the controlled demolition of the parapet wall
- c. Drop cloths shall be placed along the area of work to contain the work area to the extent feasible.
- d. Controlled demolition of the parapet wall using a backhoe (heavy equipment). Brick sections of the parapet wall shall be toppled with flashing intact.
- g. All floor surfaces in the isolated work area shall be cleaned of visible contamination with a HEPA filtered vacuum or by wet wiping prior to removing drop cloths. (see the attached SCAQMD permits)
- h. The sequence will be repeated until all brick with roof flashing is removed.
- i. The final disposition of the entire brick/flashing system shall be direct burial.

#### **Roof Penetration Tar and Sealants:**

The objective of this operation is to allow the controlled demolition of various building at the project site with penetration tar/sealants intact during the demolition. The approximate total quantity of this material is 3000 square feet which is located on various buildings. The total quantity of roof systems to be demolished is approximately 450,000 square feet. Currently the materials are located sporadically throughout the roof surfaces in small quantities. On an average, tar/sealants may contain less than 30 square inches at each location. It is my professional opinion that this material is classified as Class 1 Nonfriable Asbestos material.

The planned operation will involve the controlled demolition of these structures while continually and adequately wetting the entire structure during the demolition process.

The final disposition of the entire roof system shall be direct burial.

#### Flooring Mastic on Wood Floor Surfaces:

The objective of this operation is to allow the controlled demolition of Building 34 with mastic at wood floor surfaces intact during the demolition work. The approximate quantity of wood floor surfaces containing mastic covering is 2000 square feet. The approximate building size to be demolished is 22,000 square feet. It is my professional opinion that this material is classified as Class 1 Nonfriable Asbestos material, and the planned controlled demolition will not significantly impact the material.

McDonnell Douglas Procedure 5 Workplan

The planned operation will involve the controlled demolition of this building while continually and adequately wetting the entire structure during the demolition process.

The final disposition of the entire roof system shall be direct burial.

During the course of all work at this site, continuous air monitoring of the environment shall be conducted on a regular basis. Further, all employees involved with any of the operations involving asbestos materials shall be fully trained and equipped with personal protective equipment.

In closing, I would like to request that the above be granted as a Procedure 5 under an Emergency Renovation Notification as attached. I am including a copy of my original notification, a copy of the check used to pay for the original quantities, and a copy of the check for the review fee. It is our intent to provide a safe and healthful workplace throughout the course of this project and I welcome any input from you with regards to modifications of the above proposed procedures.

I appreciate any consideration given this request for your review and look forward to your expeditious approval.

Please do not hesitate to contact me if you have any questions. You may reach me anytime by calling my pager at (714) 324-3406.

Sincerely

Patrick Hussey
Project Manager

CC:

Michal Haynes - SCAQMD John Marasco - MDRC

attachments:

SCAQMD Emergency renovation Notification

Copy of check for review fee SCAQMD Original Notification

Copy of check for original quantities

Copy SCAQMD permits for HEPA Vacuums

pat.523

McDonnell Douglas Procedure 5 Workplan

IV

# Air Sample Results

4B-8 VILLAGE LOOP ROAD, POMONA, CA 91766 PHONE: 909-865-7550

REPORT FOR CST, INC.

JOB # 97-109A

WORK SITE: Mc DONNEL DOUGLAS, TORRANCE, CA - SHACK BUILDING 56

		AIR SAMPL	E ANALY	SES: NIC	OSH 7400 I	METHOD	)		
DATE TAKEN FIELD ID LAB. ID	SAMPLE AREA SAMPLE TYPE WORK IN PROGRESS	SAMPLE LOCATION FOR OBZ : NAME FOR OBZ : SS.	OBZ EXPO. TIME MIN.	START SAMPLE END SAMPLE	FLOW RATE LPM VOLUME (L)	FIBERS FIELDS	F/CC TWA	LOD	COMMENTS
02/04/97 1 97EDM785	IWA OBZ ABATE	REMOVE PENALS JOE GARZA 567-19-4115	30	7:00 7:30	2.0 60	100	0.033	0.036	
02/04/97 2 97EDM786	IWA OBZ ABATE	REMOVE PENALS JOE GARZA 567-19-4115	60	7:30 8:30	2.0	10 100	0.041	0.030	
02/04/97 3 97EDM787	IWA OBZ ABATE	30 SECONDS SAMPLE - FIELD				3 100			
02/04/97 4 97EDM787B	BLANK	LAB BLANK				1 100			
		·							

IWA = INSIDE WORK AREA, OWA = OUTSIDE WORK AREA, OBZ = OPERATOR BREATHING ZONE, LOD = LIMIT OF DETECTION, LOQ = LIMIT OF QUANTIFICATION UFP = UNDER LOADED FIBERS - MAY HAVE POSITIVE BIAS (F/MM<100), OFN = OVER LOADED FIBERS - MAY HAVE NEG. BIAS (F/MM>100)

OPN = OVER LOADED PARTICULATE - MAY HAVE NEG. BIAS, OPFP = OVER LOADED PARTICULATE AND FIBERS - MAY HAVE POS. BIAS.

Start Statter

ВО

**REPORT DATE: 02/10/97** 

P.O. # A 10159

4B-8 VILLAGE LOOP ROAD, POMONA, CA 91766 PHONE: 909-865-7550

REPORT FOR CST, INC. JOB # 97- 109A

WORK SITE: Mc DONNEL DOUGLAS, TORRANCE, CA

**REPORT DATE: 01/31/97** 

P.O. # A 10137

		AIR SAMPLE A	ANALY	SES : NIC	OSH 7400	METHOD	)		
DATE TAKEN FIELD ID LAB. ID	SAMPLE AREA SAMPLE TYPE WORK IN PROGRESS	SAMPLE LOCATION  FOR OBZ : NAME  FOR OBZ : SS.	OBZ EXPO. TIME MIN.	START SAMPLE END SAMPLE	FLOW RATE LPM VOLUME (L)	FIBERS FIELDS	F/CC TWA	LOD	COMMENTS
01/28/97 1 97EDM553	IWA OBZ. ABATE	GUARD SHACK FLOOR TILE JOE GARCIA 567-19-4115	30	7:00 7:30	2.0 60	6 100	0.049	0.036	
01/28/97 2 97EDM554	IWA OBZ. ABATE	GUARD SHACK WINDOW PUTTY JOE GARCIA 567-19-4115	210	7:30 11:00	2.0 420	23 100	0.027	0.013	
01/28/97 3 97EDM555	IWA OBZ. ABATE	GUARD SHACK WINDOW PUTTY & VENT JOE GARCIA 567-19-4115	180	11:30 2:30	2.0 360	15 100	0.020	0.017	
01/28/97 4 97EDM556	IWA OBZ ABATE	30 SECONDS SAMPLE - FIELD				100			
01/28/97 5 97EDM556B	BLANK	LAB. BLANK				100			
		·							
							-		

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ANALYST: Sofutte

4B-8 VILLAGE LOOP ROAD, POMONA, CA 91766 PHONE: 909-865-7550

REPORT FOR CST, INC.

JOB # 97- 109A

WORK SITE: Mc DONNEL DOUGLAS, TORRANCE, CA -BUILDING # 29

WORK	SIIL. MIC D	JNNEL DOUGLAS, TOR		نصيب ومسمعان بالبارات بالأن					
		AIR SAMPLE	ANALY	SES: NIC	OSH 7400	METHOD	)		
DATE TAKEN FIELD ID LAB. ID	SAMPLE AREA SAMPLE TYPE WORK IN PROGRESS	SAMPLE LOCATION  FOR OBZ : NAME  FOR OBZ : SS.	OBZ EXPO. TIME MIN.	START SAMPLE END SAMPLE	FLOW RATE LPM VOLUME (L)	FIBERS FIELDS	F/CC TWA	LOD	COMMENTS
01/27/97 1 97EDM549	IWA OBZ. ABATE	PREP. AIR VENTS JOE GARCIA 567-19-4115	30	8:30 9:00	2.0	3 100	0.025 0.0016	0.036	
01/27/97 2 97EDM550	IWA OBZ. ABATE	PREP. AIR VENTS JOE GARCIA 567-19-4115	120	9:00 11:00	2.0 240	100	0.020 0.005	0.025	
01/27/97 3 97EDM551	IWA OBZ. ABATE	PREP. AIR VENTS JOE GARCIA 567-19-4115	180	11:30 2:30	2.0 360	1100	0.015 0.006	0.017	
01/27/97 4 97EDM552	IWA OBZ ABATE	30 SECONDS SAMPLE - FIELD				3 100			
01/27/97 5 97EDM552B	BLANK	LAB. BLANK				1 100			
								·	
					·				

**REPORT DATE: 01/31/97** 

P.O. # A 10137

IWA = INSIDE WORK AREA, OWA = OUTSIDE WORK AREA, OBZ = OPERATOR BREATHING ZONE, LOD = LIMIT OF DETECTION, LOQ = LIMIT OF QUANTIFICATION UFP = UNDER LOADED FIBERS - MAY HAVE POSITIVE BIAS (F/MM<100), OFN = OVER LOADED FIBERS - MAY HAVE NEG. BIAS (F/MM>100) OPN = OVER LOADED PARTICULATE - MAY HAVE POS. BIAS. ANALYST:

Let Patter.

# **EDM** ENVIRONMENTAL DATA MANAGEMENT

**REPORT DATE: 01/22/97** 

P.O. # A 10109

4B-8 VILLAGE LOOP ROAD, POMONA, CA 91766 PHONE : 909-865-7550

REPORT FOR CST, INC. JOB # 97-109A

WORK SITE: Mc DONNEL DOUGLAS, BLDG. # 29

		AIR SAMPL	E ANALY	SES: NI	OSH 7400	METHO	)		
DATE TAKEN FIELD ID LAB. ID	SAMPLE AREA SAMPLE TYPE WORK IN PROGRESS	SAMPLE LOCATION FOR OBZ : NAME FOR OBZ : SS.	OBZ EXPO. TOME MIN.	START SAMPLE END SAMPLE	FLOW RATE LPM VOLUME (L)	FIBERS FIELDS	F/CC TWA	LOD	COMMENTS
01/11/97 1 97EDM316	IWA OBZ ABATE	WRAPPED PIPE INSULATION JOE GARZA 567-19-4115	30	9:30 10:00	2.0	6 100	0.049	0.036	
01/11/97 2 97EDM317	IWA OBZ ABATE	WRAPPED PIPE INSULATION JOE GARZA 567-19-4115	210	10:00 1:30	1.9 399	13 100	0.016 0.007	0.016	
01/11/97 3 97EDM318	IWA OBZ ABATE	WRAPPED PIPE INSULATION JOE GARZA 567-19-4115	180	2:00 5:00	1.9 342	16 100	0.023	0.018	
01/11/97 4 97EDM319	IWA OBZ ABATE	30 SECONDS SAMPLE - FIELD				100			
01/11/97 5 97EDM319B	BLANK	LOT BLANK				2 100			
							,		
									,

IWA = INSIDE WORK AREA, OWA = OUTSIDE WORK AREA, OBZ = OPERATOR BREATHING ZONE, LOD = LIMIT OF DETECTION, LOQ = LIMIT OF QUANTIFICATION UFP = UNDER LOADED FIBERS- MAY HAVE POSITIVE BIAS (F/MM<100), OFN = OVER LOADED FIBERS- MAY HAVE NEG. BIAS (F/MM>100)
OPN = OVER LOADED PARTICULATE - MAY HAVE NEG. BIAS, OPFP = OVER LOADED PARTICULATE AND FIBERS - MAY HAVE POS. BIAS.

ANALYST: Later .

4B-8 VILLAGE LOOP ROAD, POMONA, CA 91766 PHONE: 909-865-7550

REPORT FOR CST, INC. JOB # 97-109A

WORK SITE: Mc DONNEL DOUGLAS, TORRANCE, CA - SHACK NEAR BUILDING 23

77 07 111 1	377 E. WO D	AIR SAMPLE						······································	
DATE TAKEN FIELD ID LAB. ID	SAMPLE AREA SAMPLE TYPE WORK IN PROGRESS	SAMPLE LOCATION  FOR OBZ : NAME  FOR OBZ : SS.	OBZ EXPO. TIME MIN.	START SAMPLE END SAMPLE	FLOW RATE LPM VOLUME (L)	FIBERS FIELDS	F/CC TWA	LOD	COMMENTS
01/30/97 1 97EDM780	IWA OBZ ABATE	REMOVE PENALS JOE GARZA 567-19-4115	30	6:00 6:30	2.0	7	0.057 0.0036	0.036	
01/30/97 2 97EDM781	IWA OBZ ABATE	REMOVE PENALS JOE GARZA 567-19-4115	110	6:30 8:20	2.0	13	0.029	0.027	OPN
01/30/97 3 97EDM782	IWA OBZ ABATE	REMOVE PENALS JOE GARZA 567-19-4115	80	10:10 11:30	2.0	9	0.028 0.0046	0.028	
01/30/97 4 97EDM783	IWA OBZ ABATE	REMOVE PENALS JOE GARZA 567-19-4115	150	12:00 2:30	2.0 300	16 100	0.026 0.008	0.022	
01/30/97 5 97EDM784	IWA OBZ ABATE	30 SECONDS SAMPLE - FIELD				100			
01/30/97 6 97EDM784B	BLANK	LAB. BLANK				100			
	·								

**REPORT DATE: 02/10/97** 

P.O. # A 10159

IWA = INSIDE WORK AREA, OWA = OUTSIDE WORK AREA, OBZ = OPERATOR BREATHING ZONE, LOD = LIMIT OF DETECTION, LOQ = LIMIT OF QUANTIFICATION UFP = UNDER LOADED FIBERS - MAY HAVE POSITIVE BIAS (F/MM<100), OFN = OVER LOADED FIBERS - MAY HAVE NEG. BIAS (F/MM>100) OPN = OVER LOADED PARTICULATE - MAY HAVE NEG. BIAS, OPFP = OVER LOADED PARTICULATE AND FIBERS - MAY HAVE POS. BIAS.

ANALYST:

BOE-C6-0079262

4B-8 VILLAGE LOOP ROAD, POMONA, CA 91766 PHONE: 909-865-7550

REPORT FOR CST, INC.

JOB # 97-109A

WORK SITE: Mc DONNELL DOUGLAS, 1412 190TH, TORRANCE, CA - BUILDING # 37

		AIR SAMPLE	ANALY	SES : NIC	OSH 7400 I	METHOD	)		
DATE TAKEN FIELD ID LAB. ID	SAMPLE AREA SAMPLE TYPE WORK IN PROGRESS	SAMF'LE LOCATION FOR OBZ : NAME FOR OBZ : SS.	OBZ EXPO. TIME MIN.	START SAMPLE END SAMPLE	FLOW RATE LPM VOLUME (L)	FIBERS FIELDS	F/CC TWA	LOD	COMMENTS
01/03/97 1 96EDM6868	IWA OBZ. ABATE	WETTING PILE OF DEBRIES JOE GARZA 567-19-4115	430	7:25 2:35	2.5 1075	32 100	0.015 0.013	0.0045	
01/03/97 2 96EDM6869	IWA OBZ. ABATE	WETTING PILE OF DEBRIES - WEST JOE GARZA 567-19-4115	426	7:11 2:17	2.5 1065	29 100	0.013 0.012	0.0045	
01/03/97 3 96EDM6870	IWA OBZ. ABATE	WETTING PILE OF DEBRIES - NORTH JOE GARZA 567-19-4115	428	7:10 2:18	2.5 1070	22 100	0.010	0.0045	
01/03/97 4 96EDM6871	IWA OBZ. ABATE	30 SECONDS SAMPLE - FIELD				100			
01/04/97 1 96EDM6872	IWA OBZ. ABATE	GLOVE BAG REMOVAL BLDG. 29 JOE GARZA 567-19-4115	371	8:15 2:26	2.5 928	33 100	0.017	0.005	opH
01/03/97 2 96EDM6873	IWA OBZ. ABATE	30 SECONDS SAMPLE - FIELD				100			
	,					-			

**REPORT DATE: 01/09/97** 

P.O. # A 10064

ANALYST: Let Patter

BOE-C6-0079263

4B-8 VILLAGE LOOP ROAD, POMONA, CA 91766 THONE: 909-865-7550

REPORT FOR CST, INC. JOB # 97-109A

WORK SITE: Mc DONNELL DOUGLAS, 1412 190TH STREET, TRRANCE, CA - BUILDING # 37

		AIR SAMPLE							
DATE TAKEN FIELD ID LAB. ID	SAMPLE AREA SAMPLE TYPE WORK IN PROGRESS	SAMPLE LOCATION  FOR OBZ : NAME  FOR OBZ : SS.	OBZ EXPO. TIME MIN.	START SAMPLE END SAMPLE	FLOW RATE LPM VOLUME (L)	FIBERS FIELDS	F/CC TWA	LOD	COMMENTS
12/31/96 1 96EDM6850	IWA OBZ ABATE	CLEAN UP SPILL JOE GARZA 567-19-4115	415	9:20 4:15	2.5	41 100	0.019 0.017	0.0045	
12/31/96 2 96EDM6851	IWA OBZ ABATE	CLEAN UP SPILL ANGEL ENRIQUEZ 611-34-8597	415	9:20 4:15	2.5 1038	39 100	0.018 0.016	0.0045	
12/31/96 3 96EDM6852	IWA OBZ ABATE	AREA SAMPLE - WEST OF SPILL JOE GARZA 567-19-4115	380	10:10 4:30	2.5 950	33 100	0.017 0.013	0.005	
12/31/96 4 96EDM6853	IWA OBZ ABATE	AREA SAMPLE - NORTH OF SPILL ANGEL ENRIQUEZ 611-34-8597	379	10:11 4:30	2.5 948	37 100	0.019 0.015	0.005	·,
12/31/96 5 96EDM6854	IWA OBZ ABATE	AREA SAMPLE - EAST OF SPILL	375	10:15 4:30	2.5 938	35 100	0.018 0.014	0.005	
12/31/96 6 96EDM6855	IWA OBZ ABATE	30 SECONDS SAMPLE - FIELD				100			

**REPORT DATE: 01/08/97** 

P.O. # A 10059 🗸

IWA = INSIDE WORK AREA, OWA = OUTSIDE WORK AREA, OBZ = OPERATOR BREATHING ZONE, LOD = LIMIT OF DETECTION, LOQ = LIMIT OF QUANTIFICATION UFP = UNDER LOADED FIBERS - MAY HAVE POSITIVE BIAS (F/MM<100), OFN = OVER LOADED FIBERS - MAY HAVE NEG. BIAS (F/MM>100) OPN = OVER LOADED PARTICULATE - MAY HAVE NEG. BIAS, OPFP = OVER LOADED PARTICULATE AND FIBERS - MAY HAVE POS. BIAS. ANALYST:

La lattite



#### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

CST ENVIRONMENTAL

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

**REPORT DATE: 12/12/96** 

SAMPLE(S) RECEIVED: 12/11/96

SAMPLE(S) TAKEN: 12/10/96

ECOLOGICS LABORATORY NO: 612015

N/A

N/A

CLIENT PROJECT NO: 97-109

CLIENT PURCHASE ORDER NO: A10008

WORK SITE: ANALYSIS:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

NO. OF SAMPLE(S) ANALYZED: 3

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

0.0

METHOD:

TN3

Field

612015-03A

FIBER **CLIENT SAMPLE** SAMPLE LAB SAMPLE SAMPLE **FIBERS FIELDS** DENSITY FIBER CALCULATED ID NUMBER LOCATION ID NUMBER TIME (MIN) VOLUME (L) COUNTED COUNTED (F/MM^2) CONCENTRATION LOD (F/CC) TN<sub>1</sub> Bag out 612015-01A 470 1175 5 100 <7.6 #2 < 0.002 0.002 Hernandez, Mauricio Bldg. #29 624-46-5392 TN<sub>2</sub> STEL 612015-02A 30 75 100 <7.6 #2 <0.039 0.039 Enriquez, Angel 611-34-8597

100

ABORATORY MANAGER

BLANK

BLANK

#### NOTE:

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>\*</sup> PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>\* &</sup>gt; = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>2:</sup> Detection limit based on minimum fiber count.



#### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

**REPORT DATE: 12/12/96** 

SAMPLE(S) RECEIVED: 12/11/96

SAMPLE(S) TAKEN: 12/09/96

**ECOLOGICS LABORATORY NO: 612016** 

CLIENT PROJECT NO: 97-109

CLIENT PURCHASE ORDER NO: A10008

NO. OF SAMPLE(S) ANALYZED: 3

AMÁLYSIS:

McDonnell Douglas

METHOD:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
TN1 Garza. Joelesio 567-19-4115	Bag flooring Bldg. #29	612016-01A	435	1087	5	100	<7.6 #2	<0.003	0.003
TN2	STEL	612016-02A	30	75	7	100	8.9	0.046	0.039
TN3	Field	612016-03A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

#### NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

¥A: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.

<sup>\*</sup> Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>gt; = greater than / < = less than



#### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 12/12/96

SAMPLE(S) RECEIVED: 12/11/96

SAMPLE(S) RECEIVED: 12/11/96

SAMPLE(S) TAKEN: 12/06/96 ECOLOGICS LABORATORY NO: 612017

CLIENT PROJECT NO: 672017

CLIENT PROJECT NO: 97-109

CLIENT PURCHASE ORDER NO: A10008

WORK SITE:

McDonnell Douglas

NO. OF SAMPLE(S) ANALYZED: 3

ANALYSIS: METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
TN1 Takushi, Thomas 575-78-0385	Wrapping asbestos Bldg. #29	612017-01A	460	1150	10	100	12.7	0.004	0.003
TN2 Ortiz, Jose	Wrapping asbestos STEL	612017-02A	30	75	0	100	<7.6 #2	<0.039	0.039
TN3	Field	612017-03A	BLANK	BLANK	0	100	0.0	N/A	N/A

Allen Hlavacek
ABORATORY MANAGER

12/12/96 DATE

#### NOTE

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

<sup>&#</sup>x27;Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

 $<sup>^{\</sup>star}$  > = greater than / < = less than

<sup>4/</sup>A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>#2:</sup> Detection limit based on minimum fiber count.



#### Certificate of Analysis

DOH'S CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

**REPORT DATE: 12/12/96** 

SAMPLE(S) RECEIVED: 12/11/96 SAMPLE(S) TAKEN: 12/05/96

ECOLOGICS LABORATORY NO: 612018

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A10008

NO. OF SAMPLE(S) ANALYZED: 2

ANALYSIS:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
TN1 Enriquez, Angel 611-34-8597	Wrapping asbestos Bldg. #37	612018-01A	450	1125	1	100	<7.6 #2	<0.003	0.003
TN2	Field	612018-02A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

#### NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

> = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.



4B-8 VILLAGE LOOP ROAD, POMONA, CA 91766 PHONE: 909-865-7550

REPORT FOR CST, INC. JOB # 97-109A

WORK SITE: Mc DONNELL DOUGLAS, 1412 190TH STREET, TORRANCE, CA

**REPORT DATE: 12/17/96** 

P.O. # A 10017

DATE TAKEN	SAMPLE AREA	SAMPLE LOCATION	OBZ	START	OSH 7400	FIBERS	F,CC	LOD	COMMENTS
FIELD ID	SAMPLE AREA SAMPLE TYPE	SAMPLE LUCATION	EXPO.	SAMPLE	LPM	FIBENS	1 7,00		COMMENTS
LAB. ID	WORK IN	FOR OBZ : NAME	TIME	END	LFW			1 1	
LAB. ID	PROGRESS	FOR OBZ : NAME FOR OBZ : SS.	MIN.	SAMPLE	VOLUME (L)	FIELDS	TWA	1 1	
	Phodness	. FUN OBZ : 33.	Willy.	SAMPLE	VOLUME (L)	rielb3	IWA		
12/02/96	IWA	WRAPPING - BUILDING 37		11:15	2.5	25	0.026	0.011	
1	OBZ	ALBERTO CARRILLO	185				1	1 1	
96EDM6374	ABATE	576-98-4538		2:20	463	100	0.010		
12/02/96	IWA	30 SECONDS SAMPLE				4		1	
2	OBZ						Ì	1	
96EDM6375	ABATE					100			
12/03/96	IWA	TRANSITE REMOVAL BLDG. 27 & 23	<del> </del>	10:15	2.5	18	0.017	0.010	
1	OBZ	ANTHONY STUBER	210	1			1		
96EDM6377	ABATE	545-47-1101		1:45	525	100	0.007		
12/02/96	IWA	30 SECONDS SAMPLE				3	<b> </b>		
2	OBZ		1				1	1 1	
96EDM6378	ABATE		1	]		100		1 1	
12/04/96	IWA	WRAPPING - BUILDING 37	<b> </b>	7:15	2.5	30	0.014	0.045	
1	OBZ	MAURICIO HENRIQUEZ	410						
96EDM6379	ABATE	534-06-8576		2:05	1025	100	0.012		
12/04/96	IWA	30 SECONDS SAMPLE	T		<del></del>	4	<u> </u>		
2	OBZ	-						1 1	
96EDM6380	ABATE					100			
12/11/96	IWA	FINAL CLEANING , BAG UP-CONTAIN.	<b> </b>	6:15	1.8	25	0.023	0.009	
1	OBZ	ANGEL ENRIQUEZ	300			· ·		1	
96EDM6381	ABATE	611-34-8597	:	11:15	540	100	0.014	1 1	
12/11/96	IWA	BAG OUT - INSIDE CONTAINMENT	<b>-</b>	12:30	1.8	15	0.034	0.027	
2	OBZ	ANGEL ENRIQUEZ	120	l		{	l		
96EDM6382	ABATE	611-34-8597		2:30	216	100	800.0		
			<del>                                     </del>	ļ		<del> </del>	<del> </del>		
			.					]	
			1	ł		1	1	]	

IWA = INSIDE WORK AREA, OWA = OUTSIDE WORK AREA, OBZ = OPERATOR BREATHING ZONE, LOD = LIMIT OF DETECTION, LOQ = LIMIT OF QUANTIFICATION UFP = UNDER LOADED FIBERS- MAY HAVE POSITIVE BIAS (F/MM<100), OFN = OVER LOADED FIBERS - MAY HAVE NEG. BIAS (F/MM>100) OPN = OVER LOADED PARTICULATE - MAY HAVE NEG. BIAS, OPFP = OVER LOADED PARTICULATE AND FIBERS - MAY HAVE POS. BIAS.

Lat Pathete.

**REPORT DATE: 11/22/96** 

P.O. # A 9943

4B-8 VILLAGE LOOP ROAD, POMONA, CA 91766 PHONE: 909-865-7550

REPORT FOR CST, INC. JOB # 97-109A

WORK SITE: Mc DONNEL DOUGLAS, TORRANCE, CA

SAMPLE AREA SAMPLE TYPE WORK IN PROGRESS WA	SAMPLE LOCATION  FOR OBZ : NAME  FOR OBZ : SS.	OBZ EXPO. TIME MIN.	START SAMPLE END	FLOW RATE LPM	FIBERS	F/CC	LOD	COMMENTS
			SAMPLE	VOLUME (L)	FIELDS	TWA		
ABATE	REMOVAL OF P!PING & GLOVE BAG MAURICIO HANRIQUEZ 534-08-8576	345	7:15 2:00	2.5 863	34. 100	0.019 0.014	0.005	
WA OBZ ABATE	30 SECONDS SAMPLE - FIELD				3			
							·	
	WA DBZ ABATE	WA DBZ ABATE 30 SECONDS SAMPLE - FIELD	WA DBZ ABATE 30 SECONDS SAMPLE - FIELD	WA DBZ ABATE  30 SECONDS SAMPLE - FIELD  10 SECONDS SAMPLE - FIELD	WA 30 SECONDS SAMPLE - FIELD DBZ	WA 30 SECONDS SAMPLE - FIELD 3 100	WA DBZ ABATE 30 SECONDS SAMPLE - FIELD 3 100	WA DBZ ABATE 30 SECONDS SAMPLE - FIELD 3 1000

IWA = INSIDE WORK AREA, OWA = OUTSIDE WORK AREA, OBZ = OPERATOR BREATHING ZONE, LOD = LIMIT OF DETECTION, LOQ = LIMIT OF QUANTIFICATION UFP = UNDER LOADED FIBERS- MAY HAVE POSITIVE BIAS (F/MM<100), OFN = OVER LOADED FIBERS - MAY HAVE NEG. BIAS (F/MM>100) OPN = OVER LOADED PARTICULATE - MAY HAVE NEG. BIAS, OPFP = OVER LOADED PARTICULATE AND FIBERS - MAY HAVE POS. BIAS. Str Patter.

ANALYST:

### Advanced Environmental Solutions



BULK SAMPLE ANALYSIS REPORT

POLARIZED LIGHT MICROSCOPY DISPERSION STAINING

CLIENT: CST,P.O.#A-9940,JOB#97-109A

REPORT DATE: 11-22-1996

SITE: M.D. BLDG. 37

'IELD NUMBER AB NUMBER	LOCATION   MATERIAL SAMPLED	TYPE AND PERCENT OF ASBESTOS	* > = = = = = = =	OTHER MATERIALS IN SAMPLE FIBROUS(DESCP, 1) NON FIBROUS				
	ROOF	CHRYSOTILE	<1	3% CELLULOSE	BINDER			
	11	AMOSITE	ND	İ	TAR			
6AES-1808	11	OTHER	ND		AGGREGATE			
	ROOFING	TYPE: TRACE FOUND IN	DUST		•			
	11	TOTAL ASB	<1	COMMENTS:				
AMPLING DATE:	11-20-1996			ANALYS	IS DATE: 11-20-1996			
					•			
!	ROOF	CHRYSOTILE	ND	2% CELLULOSE	BINDER			
		AMOSITE	ND		TAR			
6AES-1809	[ ]	OTHER	ND		AGGREGATE			
	ROOFING	TYPE:						
	11	TOTAL ASB	ND	COMMENTS:				
AMPLING DATE:	11-20-1996			ANALYS	IS DATE: 11-20-1996			
	ROOF	CHRYSOTILE	ND I	2 CELLULOSE	BINDER			
	1002	AMOSITE	ND	11 MINERAL WOOL	TAR			
6AES-1810		OTHER	ND		OUARTZ			
010D-1010	ROOPING	TYPE:						
		TOTAL ASB	ND I	COMMENTS:				
AMPLING DATE:	11-20-1996	11			IS DATE: 11-20-1996			

REFER TO THE ATTACHED "BULK SAMPLE ANALYSES: ASBESTOS" SHEET FOR AN EXPLANATION OF RESULTS.

**B** 



#### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

CST ENVIRONMENTAL

2100 E. Via Burton Street

Anaheim, CA 92806 McDonnell Douglas

**REPORT DATE: 11/20/96** 

SAMPLE(S) RECEIVED: 11/19/96

SAMPLE(S) TAKEN: 11/15/96

ECOLOGICS LABORATORY NO: 611045

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9928

NO. OF SAMPLE(S) ANALYZED: 4

ANALYSIS: METHOD:

**NORK SITE:** 

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Cota, Hector 622-95-7654	Tile & mastic removal bag out interior Bldg. #2		225	450	0	100	<7.6 #2	<0.007	0.007
02 Vega, Oscar <del>6</del> 21-09-6574	Tile & mastic removal, detail interior Bldg. #2	611045-02A	120	240	0	100	<7.6 #2	<0.012	0.012
03	Field	611045-03A	BLANK	BLANK	0	100	0.0	N/A	N/A
04	Lot	611045-04A	BLANK	BLANK	0	100	0.0	N/A	N/A

Allen Hlavacek

**ABORATORY MANAGER** 

#### NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

PCM relative standard deviations range from 40 percent at low fiber density

to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

> = greater than / < = less than

WA: Not applicable Blank results reported as fiber density (f/mm²) only.

-2: Detection limit based on minimum fiber count.



#### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 11/18/96

SAMPLE(S) RECEIVED: 11/15/96

SAMPLE(S) TAKEN: 11/14/96 ECOLOGICS LABORATORY NO: 611040

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9916

WORK SITE: ANALYSIS:

McDonnell Douglas

NO. OF SAMPLE(S) ANALYZED: 4

METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Palencia, Manuel 553-99-7170	Floor tile & mastic removal Interior Bldg. #2		300	600	0	100	<7.6 #2	<0.005	0.005
02 Vega, Fernando 550-45-0434	Floor tile & mastic removal Interior Bldg. #2		145	290	0	100	<7.6 #2	<0.010	0.010
03	Field	611040-03A	BLANK	BLANK	0	100	0.0	N/A	N/A
04	Lot	611040-04A	BLANK	BLANK	0	100	0.0	N/A	N/A

LABORATORY MANAGER

#### NOTE:

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>\*</sup> PCM relative standard deviations range from 40 percent at low fiber density

to 10 percent at high fiber density.

<sup>\*</sup> Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>\*&</sup>gt; = greater than / < = less than

N/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>#2:</sup> Detection limit based on minimum fiber count.



#### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

REPORT DATE: 11/18/96

SAMPLE(S) RECEIVED: 11/15/96

SAMPLE(S) TAKEN: 11/13/96

ECOLOGICS LABORATORY NO: 611039

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9918

WORK SITE: ANALYSIS:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

NO. OF SAMPLE(S) ANALYZED: 4

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Hernandez, Angel 611-34-8597	Main area floor tile Bldg. #29	611039-01A	240	480	0	100	<7.6 #2	<0.006	0.006
02 Palencia, Manuel 553-99-7170	Main area floor tile bag ou Bldg, #29	611039-02A t	135	270	0	100	<7.6 #2	<0.011	0.011
03	Field	611039-03A	BLANK	BLANK	0	100	0.0	N/A	N/A
04	Lot	611039-04A	BLANK	BLANK	0	100	0.0	N/A	· N/A

ABORATORY MANAGER

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>&</sup>lt;sup>7</sup> PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>\* &</sup>gt; = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>.</sup>F2: Detection limit based on minimum fiber count.



### Certificate of Analysis

DOH'S CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806 McDonnell Douglas

**REPORT DATE: 11/14/96** 

SAMPLE(S) RECEIVED: 11/13/96

SAMPLE(S) TAKEN: 11/12/96

**ECOLOGICS LABORATORY NO: 611034** 

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9906

ANALYSIS:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

NO. OF SAMPLE(S) ANALYZED: 2

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Hernandez, Mauricio 624-46-5392	V.A.T. removal interior Bldg. #29	611034-01A	240	480	4	100	<7.6 #2	<0.006	0.006
02	Field	611034-02A	BLANK	BLANK	0	100	0.0	N/A	N/A

Allen Hlavacek

ABORATORY MANAGER

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\* > = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

2: Detection limit based on minimum fiber count.



### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

**REPORT DATE: 11/13/96** 

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

SAMPLE(S) RECEIVED: 11/12/96 **SAMPLE(S) TAKEN: 11/11/96** 

**ECOLOGICS LABORATORY NO: 611032** 

CLIENT PROJECT NO: 97-109A CLIENT PURCHASE ORDER NO: A9903

**NORK SITE:** ANALYSIS:

McDonnell Douglas

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS NO. OF SAMPLE(S) ANALYZED: 4

METHOD: PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Dolbric, Spaso 152-76-9968	Roofing removal roof Bldg. #29	611032-01A	180	360	0	100	<7.6 #2	<0.008	0.008
02 Velasco, Domingo 620-16-8653	Floor tile removal area #2 Bldg. #29	611032-02A	210	420	0	100	<7.6 #2	<0.007	0.007
03	Field	611032-03A	BLANK	BLANK	0	100	0.0	N/A	N/A
04	Lot	611032-04A	BLANK	BLANK	0	100	0.0	N/A	N/A

**ABORATORY MANAGER** 

#### NOTE:

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

<sup>\*</sup> Frbers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>gt; = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>#2.</sup> Detection limit based on minimum fiber count.



### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

**REPORT DATE: 11/13/96** 

SAMPLE(S) RECEIVED: 11/12/96

SAMPLE(S) TAKEN: 11/09/96

DLIENT:

AMALYSIS:

MIETHOD:

**CST ENVIRONMENTAL** 2100 E. Via Burton Street

Anaheim, CA 92806

MORK SITE: McDonnell Douglas

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

ECOLOGICS LABORATORY NO: 611033 CLIENT PROJECT NO: 97-109A CLIENT PURCHASE ORDER NO: A9903

NO. OF SAMPLE(S) ANALYZED: 4

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Hernandez, Angel 611-34-8597	Fireproof removal south bay 1st floo Bldg. #37		240	480	0	100	<7.6 #2	<0.006	0.006
02 Perez, Norman 683-86-8622	Floor tile removal interior Bldg. #29	611033-02A	225	450	0	100	<7.6 #2	<0.007	0.007
03	Field	611033-03A	BLANK	BLANK	0	100	0.0	N/A	N/A
04	Lot	611033-04A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

#### NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

> = greater than / < = less than

#/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.



#### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

**REPORT DATE: 11/12/96** 

SAMPLE(S) RECEIVED: 11/11/96 SAMPLE(S) TAKEN: 11/07/96

ECOLOGICS LABORATORY NO: 611030

CLIENT PROJECT NO: 97-109A

1-2--

CLIENT PURCHASE ORDER NO: A9895

**NORK SITE:** ANALYSIS: VETHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

NO. OF SAMPLE(S) ANALYZED: 5

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Hemandez, Angel 611-34-8597	Final clean wash down chiller rm. Bldg. #37	611030-01A	120	240	0	100	<7.6 #2	<0.012	0.012
02 Meza, Francisco 603-20-0508	Wash down high bay 1st floo Bldg. #37	611030-02A r	120	240	1	100	<7.6 #2 ,	<0.012	0.012
03 Dolbric, Spaso 152-76-9968	Roofing removal exterior Bldg. #29	611030-03A	210	420	0	100	<7.6 #2	<0.007	0.007
04	Field	611030-04A	BLANK	BLANK	0	100	0.0	N/A	N/A
05	Lot	611030-05A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density

to 10 percent at high fiber density.

\* Fibers/mm² = fibers per square millimeter.

Fibers/cc = fibers per cubic centimeter of air.

> = greater than / < = less than

n/A. Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.



#### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

REPORT DATE: 11/11/96

SAMPLE(S) RECEIVED: 11/08/96

SAMPLE(S) TAKEN: 11/06/96

ECOLOGICS LABORATORY NO: 611026

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9891

NO. OF SAMPLE(S) ANALYZED: 5

**VORK SITE:** 

CLIENT:

McDonneil Douglas

Anaheim, CA 92806

CST ENVIRONMENTAL

2100 E. Via Burton Street

ANALYSIS: METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE O NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 //iranda, Fernando 594-69-5849	Final clean bag out high ba Bldg. #37	611026-01A y	155	310	7	100	8.9	0.011	0.009
02 Meza, Francisco 603-20-0508	Final clean bag out chiller ri Bldg. #37	611026-02A m.	240	480	50	100	63.7	0.051	0.006
03 Dolbric, Spaso 152-76-9968	Roof removal exterior Bldg. #29 roof	611026-03A	270	540	26.5	100	33.8	0.024	0.005
04	Field	611026-04A	BLANK	BLANK	0	100	0.0 _	N/A	N/A
05	Lot	611026-05A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

#### NOTE:

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

<sup>\*</sup> Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>gt; = greater than / < = less than

<sup>/</sup>A: Not applicable. Blank results reported as fiber density (f/mm²) only.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 11/07/96

SAMPLE(S) RECEIVED: 11/06/96

SAMPLE(S) TAKEN: 11/05/96

ECOLOGICS LABORATORY NO: 611019

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9882

NO. OF SAMPLE(S) ANALYZED: 5

WORK SITE: ANALYSIS: METHOD:

McDonnell Douglas

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

				7-12-10-P-12-					
CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Miranda, Fernando 594-69-5849	Final clean 1st floor Bldg. #37	611019-01A	205	410	0	100	<7.6 #2	<0.007	0.007
02 Vega, Oscar 621-09-6574	acm abatement chiller rm. Bldg. #37	611019-02A	225	450	100	29	439.3	0.376	0.007
03 Dolbric, Spaso 152-76-9968	Roofing removal Bldg. #29 roof	611019-03A	210	420	0	100	<7.6 #2	<0.007	0.007
04	Field	611019-04A	BLANK	BLANK	0	100	0.0	N/A	N/A
05	Lot	611019-05A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

## NOTE:

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>~</sup> PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>\*&</sup>gt; = greater than / < = less than

<sup>♣/</sup>A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>32:</sup> Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

REPORT DATE: 11/07/96

SAMPLE(S) RECEIVED: 11/06/96

SAMPLE(S) TAKEN: 11/04/96

ECOLOGICS LABORATORY NO: 611020

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9882

NO. OF SAMPLE(S) ANALYZED: 3

ANALYSIS: METHOD:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)		FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Meza, Francisco 603-20-0508	ACM fireproof removal 1st floo Bldg. #37	611020-01A r	240	480	0	100	<7.6 #2		<0.006	0.006
02	Field	611020-02A	BLANK	BLANK	121.5	20	773.9	#3	N/A	N/A
03	Lot	611020-03A	BLANK	BLANK	0	100	0.0		N/A	N/A

LABORATORY MANAGER

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>\*</sup> PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

<sup>&#</sup>x27; Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>\*&</sup>gt; = greater than / < = less than

N/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>¥3:</sup> High density on blank sample suggests that filter may have been contaminated prior to laboratory receipt.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

REPORT DATE: 11/05/96

SAMPLE(S) RECEIVED: 11/04/96

SAMPLE(S) TAKEN: 11/01/96

ECOLOGICS LABORATORY NO: 611016

CLIENT PROJECT NO: 96-109A

NO. OF SAMPLE(S) ANALYZED: 7

CLIENT PURCHASE ORDER NO: A9874

WORK SITE: ANALYSIS: METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT ID NUME	SAMPLE BER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)	
Perez,	01 Gustavo 91-9801	Roofing removal Bldg. #37	611016-01A	239	478	3	100	<7.6 #2	<0.006	0.006	
Doming	02 juez, Jose 97-8756	Roofing removal Bldg. #37	611016-02A	241	482	2.5	100	<7.6 #2	<0.006	0.006	
Perez,	03 Gustavo 91-9801	Roofing removal Bldg. #37	611016-03A	35	70	1	100	<7.6 #2	<0.042	0.042	
Doming	04 juez, Jose 97-8756	Roofing removal Bldg. #37	611016-04A	35	70	4	100	<7.6 #2	<0.042	0.042	
Perez,	05 Gustavo 91-9801	Roofing removal Bldg. #37	611016-05A	185	370	0	100	<7.6 #2	<0.008	0.008	
Doming	06 juez, Jose 97-8756	Roofing removal Bldg. #37	611016-06A	185	370	3.5	100	<7.6 #2	<0.008	0.008	
	07	Field	611016-07A	BLANK	BLANK	0	100	0.0	N/A	N/A	

Allen Hlavacek

ABORATORY MANAGER

Carlos Mangin Laboratory Analyst

NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

> = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

REPORT DATE: 11/05/96

SAMPLE(S) RECEIVED: 11/04/96

SAMPLE(S) TAKEN: 11/01/96

ECOLOGICS LABORATORY NO: 611011

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9872 NO. OF SAMPLE(S) ANALYZED: 5

WORK SITE: ANALYSIS:

METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Meza, Francisco 603-20-0508	ACM fireproof removal 1st floo Bldg. #37	611011-01A r	180	360	3	100	<7.6 #2	<0.008	0.008
02 Lara, Israel 628-38-0175	ACM roof removal, exretio roof Bldg. #37	611011-02A r	225	450	0	100	<7.6 #2	<0.007	0.007
03 Garcia, Fidel T. 613-18-2818	Detail clean final visual inspection 4th fle Bldg. #37	611011-03A oor	240	480	3	100	<7.6 #2	<0.006	0.006
04	Field	611011-04A	BLANK	BLANK	0	100	0.0	N/A	N/A
05	Lot	611011-05A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

Carlos Mangin Laboratory Analyst

## NOTE:

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

<sup>&</sup>quot;Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&#</sup>x27; > = greater than / < = less than

N/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>#2:</sup> Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

**REPORT DATE: 11/04/96** 

CLIENT:

**CST ENVIRONMENTAL** 2100 E. Via Burton Street

Anaheim, CA 92806 McDonnell Douglas

SAMPLE(S) RECEIVED: 11/01/96 SAMPLE(S) TAKEN: 10/31/96 ECOLOGICS LABORATORY NO: 611002

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9864

ANALYSIS:

NORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

NO. OF SAMPLE(S) ANALYZED: 5

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 ternandez, Mauricio 624-46-5392	ACM fireproof o removal hi-bay 1st floor Bldg. #		180	360	3	100	<7.6 #2	<0.008	0.008
02 <b>Me</b> ndez, Jesus 657-67-5678	Exterior roof removal Bldg. # roof	611002-02A #37	240	480	2	100	<7.6 #2	<0.006	0.006
03 Dolbric, Spaso 152-76-9968	Exterior roof removal Bldg. # roof	611002-03A ‡29	180	360	5.5	100	<7.6 #2	<0.008	0.008
04	Field	611002-04A	BLANK	BLANK	0	100	0.0	N/A	N/A
05	Lot	611002-05A	BLANK	BLANK	0	100	0.0	N/A	N/A

**ABORATORY MANAGER** 

UA: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

<sup>\*</sup> Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>gt; = greater than / < = less than



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

**REPORT DATE: 11/05/96** 

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

SAMPLE(S) RECEIVED: 11/04/96 SAMPLE(S) TAKEN: 10/31/96

ECOLOGICS LABORATORY NO: 611015

CLIENT PROJECT NO: 96-109A

CLIENT PURCHASE ORDER NO: A9874

NO. OF SAMPLE(S) ANALYZED: 7

ANALYSIS: METHOD:

WORK SITE:

McDonnell Douglas

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLID NUMBER	E SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Chavez, Efra 623-12-9087	•	I 611015-01A	240	480	3	100	<7.6 #2	<0.006	0.006
02 Garcia, Luis 666-02-8472	•	l 611015-02A	240	480	2	100	<7.6 #2	<0.006	0.006
03 Chavez, Efra 623-12-9087		I 611015-03A	30	60	4	100	<7.6 #2	<0.049	0.049
04 Garcia, Luis 666-02-8472	•	611015-04A	32	64	2	100	<7.6 #2	<0.046	0.046
05 Chavez, Efrai 623-12-9087	•	l 611015-05A	180	360	0	100	<7.6 #2	<0.008	0.008
06 Garcia, Luis 666-02-8472	•	I 611015-06A	180	360	1	· 100	<7.6 #2	<0.008	0.008
07	Field	611015-07A	BLANK	BLANK	0	100	0.0	N/A	N/A

Allen Hlavacek

**.ABORATORY MANAGER** 

NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density

to 10 percent at high fiber density. \* Fibers/mm² = fibers per square millimeter.

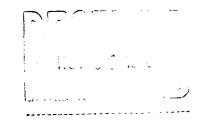
\* Fibers/cc = fibers per cubic centimeter of air.

> = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.

Carlos Mangin Laboratory Analyst





## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

**REPORT DATE: 11/01/96** 

SAMPLE(S) RECEIVED: 10/31/96

SAMPLE(S) TAKEN: 10/30/96

ECOLOGICS LABORATORY NO: 610070 CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9859

NO. OF SAMPLE(S) ANALYZED: 5

**WORK SITE:** ANALYSIS:

McDonnell Douglas

METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Miranda, Fernando 594-69-5849	ACM fireproof removal 1st floor Bldg. #37	610070-01A r	190	380	0	100	<7.6 #2	<0.008	0.008
	Mastic removal bag out 4th floor Bldg. #37	610070-02A	195	390	0	100	<7.6 #2	<0.008	0.008
03 Asis, Navarro 615-60-0487	Mastic removal S stairwell Bldg. #37	610070-03A	210	240	0	100	<7.6 #2	<0.012	0.012
04	Field	610070-04A	BLANK	BLANK	0	100	0.0	N/A	N/A
05	Lot	610070-05A	BLANK	BLANK	0	100	0.0	N/A	N/A

Allen Hlavaček

ABORATORY MANAGER

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

<sup>\*</sup> Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>gt; = greater than / < = less than

<sup>1/</sup>A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>#2:</sup> Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

**REPORT DATE: 11/05/96** 

SAMPLE(S) RECEIVED: 11/04/96

SAMPLE(S) TAKEN: 10/29/96

ECOLOGICS LABORATORY NO: 611014

CLIENT PROJECT NO: 96-109A

CLIENT PURCHASE ORDER NO: A9874

NO. OF SAMPLE(S) ANALYZED: 7

ANALYSIS:

**NORK SITE:** 

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Lara, Efrain <b>6</b> 46-95-7435	Roofing removal Bidg. #37	611014-01A	242	484	5.5	100	<7.6 #2	<0.006	0.006
02 Lara, Israel 628-38-0175	Roofing removal Bldg. #37	611014-02A	243	486	0	100	<7.6 #2	<0.006	0.006
03 Lara, Efrain <b>6</b> 46-95-7435	Roofing removal Bldg. #37	611014-03A	35	70	1	100	<7.6 #2	<0.042	0.042
04 Lara, Israel 628-38-0175	Roofing removal Bldg. #37	611014-04A	33	66	5	100	<7.6 #2	<0.044	0.044
05 Lara, Efrain <b>6</b> 46-95-7435	Roofing removal Bldg. #37	611014-05A	181	362	0	100	<7.6 #2	<0.008	0.008
06 Lara, Israel 628-38-0175	Roofing removal Bldg. #37	611014-06A	182	364	0	100	<7.6 #2	<0.008	0.008
07	Field	611014-07A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

## NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

> = greater than / < = less than

UA: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.

Carlos Mangin Laboratory Analyst

<sup>\*</sup> Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

**REPORT DATE: 10/31/96** SAMPLE(S) RECEIVED: 10/30/96

SAMPLE(S) TAKEN: 10/29/96

**ECOLOGICS LABORATORY NO: 610066** 

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9844

WORK SITE: ANALYSIS:

McDonnell Douglas

NO. OF SAMPLE(S) ANALYZED: 6

METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Perez, Norman 683-86-8622	ACM fireproof removal 1st floo Bldg. #37	610066-01A or	170	340	1	100	<7.6 #2	<0.009	0.009
02 Sagastimo, Estebar 618-58-9007	ACM fireproof removal 1st floor Bldg. #	610066-02A 37	135	270	100	35	364.0	0.519	0.011
03 Hernandez, Jorge 524-15-3243	Mastic removal 4th floor Bldg. #37	610066-03A	145	290	0	100	<7.6 #2	<0.010	0.010
04 Perez, Camilo 629-09-1275	Exterior roof removal S roof Bidg. #37	610066-04A	240	480	0	100	<7.6 #2	<0.006	0.006
05	Field	610066-05A	BLANK	BLANK	0	100	0.0	N/A	N/A
06	Lot	610066-06A	BLANK	BLANK	0	100	0.0	N/A	N/A

Allen Hlavacek

ABORATORY MANAGER

រួមតែជា ស្រួមនាគួលបញ្ជាក់

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

<sup>\*</sup> Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>gt; = greater than / < = less than

<sup>#</sup>A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>#2:</sup> Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

**CLIENT:** 

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 11/05/96

REPORT DATE: 11/05/5

SAMPLE(S) RECEIVED: 11/04/96

SAMPLE(S) TAKEN: 10/28/96

ECOLOGICS LABORATORY NO: 611013

CLIENT PROJECT NO: 96-109A

CLIENT PURCHASE ORDER NO: A9874

NO. OF SAMPLE(S) ANALYZED: 3

NORK SITE: ANALYSIS:

McDonnell Douglas

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS NO. OF SAMPLE(S)

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Perez, Jorge 606-58-8078	Roofing removal Bldg. #37	611013-01A	240	480	6.5	100	8.3	0.007	0.006
02 Avila, Martin 606-18-4913	Roofing removal Bldg. #37	611013-02A	240	480	2	100	<7.6 #2	<0.006	0.006
03	Field	611013-03A	BLANK	BLANK	0	100	0.0	N/A	N/A

Allen Hlavacek

ABORATORY MANAGER

11/05/9

NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

\* Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

> = greater than / < = less than

4/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.

Carlos Mangin DATE
Laboratory Analyst



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

CST ENVIRONMENTAL

2100 E. Via Burton Street

Anaheim, CA 92806

**REPORT DATE: 10/31/96** SAMPLE(S) RECEIVED: 10/30/96

SAMPLE(S) TAKEN: 10/28/96

ECOLOGICS LABORATORY NO: 610063

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9844

**NORK SITE:** ANALYSIS:

McDonnell Douglas

NO. OF SAMPLE(S) ANALYZED: 5 FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Sandoval, Fortino 650-07-1811	ACM roof removal south roof Bldg. #37	610063-01A	195	390	100	35	364.0	0.359	0.008
02 <b>Ros</b> ales, Hector 564-91-9876	V.A.T. & mastic 4th floor Bldg. #37	610063-02A	210	420	0	100	<7.6 #2	<0.007	0.007
03 Vega, Oscar 621-09-6574	ACM window puddy removal Bldg. #37 windows	610063-03A	150	300	0	100	· <7.6 #2	<0.010	0.010
04	Field	610063-04A	BLANK	BLANK	0	100	0.0	N/A	N/A
05	Lot	610063-05A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.

<sup>\*</sup> Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>gt; = greater than / < = less than



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

**REPORT DATE: 10/31/96** 

SAMPLE(S) RECEIVED: 10/30/96

SAMPLE(S) TAKEN: 10/26/96

ECOLOGICS LABORATORY NO: 610065

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9844

NO. OF SAMPLE(S) ANALYZED: 3

WORK SITE: ANALYSIS:

McDonnell Douglas

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Lara, Israel 628-38-0175	Exterior roof removal roof S side Bldg.#37	610065-01A	240	480	0	100	<7.6 #2	<0.006	0.006
02	Field	610065-02A	BLANK	BLANK	0	100	0.0	N/A	N/A
03	Lot	610065-03A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

NOTE:

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>\*</sup>PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

<sup>\*</sup> Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>quot; > = greater than / < = less than

V/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>#2:</sup> Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806 McDonnell Douglas

REPORT DATE: 11/05/96 SAMPLE(S) RECEIVED: 11/04/96

SAMPLE(S) TAKEN: 10/26/96

ECOLOGICS LABORATORY NO: 611012 CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9874

NO. OF SAMPLE(S) ANALYZED: 7

ANALYSIS:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Lara, Israel 628-38-0175	Roofing removal Bldg. #37	611012-01A	240	480	2	100	<7.6 #2	<0.006	0.006
02 Avila, Martin 606-18-4913	Roofing removal Bldg. #37	611012-02A	240	480	1	100	<7.6 #2	<0.006	0.006
03 Lara, Israel 628-38-0175	Roofing removal Bldg. #37	611012-03A	180	360	1.5	100	<7.6 #2	<0.008	0.008
04 Avila, Martin 606-18-4913	Roofing removal Bldg. #37	611012-04A	180	360	1.5	100	<7.6 <b>#2</b>	<0.008	0.008
05 Lara, Israel 628-38-0175	Roofing removal Bldg. #37	611012-05A	30	60	3	100	<7.6 #2	<0.049	0,049
06 Avila, Martin 606-18-4913	Roofing removal Bldg. #37	611012-06A	30	60	4.5	100	<7.6 #2	<0.049	0.049
07	Field	611012-07A	BLANK	BLANK	0	100	0.0	N/A	N/A

Allen Hlavácek

ABORATORY MANAGER

NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

\* Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

> = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.

Carlos Mangin Laboratory Analyst



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 10/31/96

SAMPLE(S) RECEIVED: 10/30/96

SAMPLE(S) TAKEN: 10/25/96

ECOLOGICS LABORATORY NO: 610064

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9844

WORK SITE: ANALYSIS:

McDonnell Douglas

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

NO. OF SAMPLE(S) ANALYZED: 5

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Rivas, Douglas 611-18-8459	Detail clean & bag out 4th floo Bldg. #37	610064-01A r	240	480	. 0	100	<7.6 #2	<0.006	0.006
02 Domingo, Joe 615-97-8756	Roofing field N & S roofs Bidg. #37	610064-02A	155	310	0	100	<7.6 #2	<0.009	0.009
03 Nunez, Mauro 679-89-4735	Asbestos & window puddy exterior Bldg. #3	610064-03A 37	195	390	0	100	<7.6 #2	<0.008	0.008
04	Field	610064-04A	BLANK	BLANK	0	100	0.0	N/A	N/A
05	Lot	610064-05A	BLANK	BLANK	0	100	0.0	N/A	N/A

.ABORATORY MANAGER

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.

<sup>\*</sup> Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>gt; = greater than / < = less than



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

REPORT DATE: 11/05/96 SAMPLE(S) RECEIVED: 11/04/96

SAMPLE(S) TAKEN: 10/25/96

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Doulgas

ANALYSIS: METHOD:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

ECOLOGICS LABORATORY NO: 611009 CLIENT PROJECT NO: 96-109A

CLIENT PURCHASE ORDER NO: A9874

NO. OF SAMPLE(S) ANALYZED: 7

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

	CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
	01 Mendez, Jesus 657-67-5678	West roofing removal Bldg. #	611009-01A 37	240	480	3	100	<7.6 #2	<0.006	0.006
	02 Perez, Jorge 606-58-8078	Roofing removal Bldg. #37	611009-02A	240	480	2.5	100	<7.6 #2	<0.006	0.006
	03 Mendez, Jesus 657-67-5678	Roofing removal Bidg. #37	611009-03A	180	360	1.5	100	<7.6 #2	<0.008	0.008
· ·	04 Perez, Jorge 606-58-8078	Roofing removal Bldg. #37	611009-04A	180	360	1	100	<7.6 #2	<0.008	0.008
	05 Mendez, Jesus 657-67-5678	Roofing removal Bldg. #37	611009-05A	30	60	1	100	<7.6 #2	<0.049	0.049
	06 Perez, Jorge 606-58-8078	Roofing removal Bldg. #37	611009-06A	30	60	2	100	<7.6 #2	<0.049	0.049
	07	Field	611009-07A	BLANK	BLANK	0	100	0.0	N/A	N/A

\_ABORATORY MANAGER

NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

' PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

\* Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

' > = greater than / < = less than

N/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.

Carlos Mangin Laboratory Analyst



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

**CLIENT:** 

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 11/05/96 SAMPLE(S) RECEIVED: 11/04/96 SAMPLE(S) TAKEN: 10/24/96

ECOLOGICS LABORATORY NO: 611010

CLIENT PROJECT NO: 96-109A

CLIENT PURCHASE ORDER NO: A9874

McDonnell Douglas

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

NO. OF SAMPLE(S) ANALYZED: 7

ANALYSIS: METHOD:

**WORK SITE:** 

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Chavez, Efrain 623-12-9087	East roofing removal Bldg. #3	611010-01A 37	240	480	8.5	100	10.8	0.009	0.006
02 Sandoval, Fortino 650-07-1811	Roofing removal Bldg, #37	611010-02A	240	480	9.5	100	12.1	0.010	0.006
03 Chavez, Efrain 623-12-9087	Roofing removal Bldg. #37	611010-03A	180	360	2	100	<7.6 #2	<0.008	0.008
04 Sandoval, Fortino 650-07-1811	Roofing removal Bldg. #37	611010-04A	180	360	1	100	<7.6 #2	<0.008	0.008
05 Chavez, Efrain 623-12-9087	Roofing removal Bldg. #37	611010-05A	30	60	3.5	100	<7.6 #2	<0.049	0.049
06 Sandoval, Fortino 650-07-1811	Roofing removal Bldg. #37	611010-06A	30	60	4	100	<7.6 #2	<0.049	0.049
07	Field	611010-07A	BLANK	BLANK	0	100	0.0.	N/A	N/A

ABORATORY MANAGER

NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Carlos Mangin DATE Laboratory Analyst

<sup>\*</sup> Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>gt; = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>#2:</sup> Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

REPORT DATE: 10/28/96

SAMPLE(S) RECEIVED: 10/25/96

SAMPLE(S) TAKEN: 10/24/96

CLIENT:

CST ENVIRONMENTAL 2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

ANALYSIS: METHOD:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

ECOLOGICS LABORATORY NO: 610062 CLIENT PROJECT NO: 97-109A CLIENT PURCHASE ORDER NO: A9842

NO. OF SAMPLE(S) ANALYZED: 7

**FIBER** SAMPLE **FIELDS** SAMPLE SAMPLE **FIBERS** DENSITY CLIENT SAMPLE LAB SAMPLE FIBER CALCULATED **ID NUMBER** LOCATION ID NUMBER TIME (MIN) VOLUME (L) COUNTED COUNTED (F/MM^2) CONCENTRATION LOD (F/CC) 01 Final clean 610062-01A 165 330 105 30 445.9 0.520 0.009 Cota, Hector Bldg. #37 622-95-7654 4th floor 0 <0.008 0.008 02 Roofing 190 380 100 <7.6 #2 610062-02A Martinez, Luis abatement Bldg. #37 roof 623-43-4509 100 0.013 03 220 <7.6 #2 < 0.013 Asbestos 610062-03A 210 Vega, Ruben removal exterior 573-77-5733 Bldg. #37 0 0.013 04 Roofing 610062-04A 210 220 100 <7.6 #2 < 0.013 Dolbric, Spaso removal exterior 152-76-9968 Bldg. #29 05 ACM pipe 610062-05A 240 480 0 100 <7.6 #2 < 0.006 0.006 Hernandez, Mauricio insulation 624-46-5392 removal 2nd floor Bidg. #61 Field 610062-06A BLANK 100 0 0 N/A 06 BLANK N/A 07 **BLANK** Lot 610062-07A **BLANK** 100 0.0 N/A N/A

Allen Hlavace

**\_ABORATORY MANAGER** 

## NOTE:

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>\*</sup> PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

<sup>\*</sup> Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>quot; > = greater than / < = less than

Y/A: Not applicable Blank results reported as fiber density (f/mm²) only.

<sup>#2:</sup> Detection limit based on minimum fiber count.



DOHS CERTIFICATION NO. 1969

**REPORT DATE: 11/05/96** 

SAMPLE(S) RECEIVED: 11/04/96

CLIENT PROJECT NO: 96-109A

SAMPLE(S) TAKEN: 10/23/96

## Certificate of Analysis

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

WORK SITE: McDonnell Douglas

ANALYSIS: METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

NO. OF SAMPLE(S) ANALYZED: 9 PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

**ECOLOGICS LABORATORY NO: 611008** 

CLIENT PURCHASE ORDER NO: A9874

E:0E0

CLIENT SAMPLE ID NUMBER	SAMPLE LAB SAN LOCATION ID NUMI		SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Perez, Jose 623-12-9087	East roofing 611008- removal Bldg. #37	01A 240	480	2.5	100	<7.6 #2	<0.006	0.006
02 Martinez, Luis 623-43-4509	East roofing 611008- removal Bldg. #37	02A <b>24</b> 0	480	14.5	100	18.5	0 015	0.006
03 Lara, Ezequiel 645-92-8465	East roofing 611008- removal Bldg. #37	03A 240	480	4.5	100	<7.6 #2	<0.006	0.006
04 Perez, Jose 623-12-9087	East roofing 611008- removal Bldg. #37	04A 180	360	2	100	<7.6 #2	<0.008	0.008
05 Martinez, Luis 623-43-4509	East roofing 611008- removal Bldg. #37	05A 180	360	1	100	<7.6 #2	<0.008	0.008
06 Lara, Ezequiel 645-92-8465	East roofing 611008- removal Bldg. #37	06A 180	360	3.5	100	<7.6 #2	<0.008	0.008
07 Perez, Jose 623-12-9087	Roofing remova 611008- Bldg. #37	-07A 30	60	3.5	100	<7.6 #2	<0.049	0.049
08 Martinez, Luis 623-43-4509	Roofing remova 611008- Bldg. #37	08A 30	60	10.5	100	13.4	0.086	0.049
09 Lara, Ezequiel 645-92-8465	Roofing remova: 611008- Bldg. #37	09A 30	60	6.5	100	8.3	0.053	· 0.049

LABORATORY MANAGER

Laboratory Analyst

Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>\*</sup> PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

Fibers/cc = fibers per cubic centimeter of air.

<sup>\* &</sup>gt; = greater than / < = less than

N/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>2:</sup> Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806 McDonnell Douglas

REPORT DATE: 10/25/96

SAMPLE(S) RECEIVED: 10/24/96

SAMPLE(S) TAKEN: 10/23/96

ECOLOGICS LABORATORY NO: 610059

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9836

NO. OF SAMPLE(S) ANALYZED: 9

ANALYSIS: METHOD:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE .D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Hernandez, Angel 611-34-8597	Final clean Bldg. #37 4th floor	610059-01A	165	379	8	100	10.2	0.010	0.008
02 Lara, Efrain 646-95-7435	Roofing penetrations Bldg. #37 roof t	610059-02A	150	345	4	100	<7.6 #2	<0.008	0.008
03 Perez, Norman 683-86-8622	Detail cleaning Bldg. #37 S. stairwell	610059-03A	240	480	23.5	100	29.9	0.024	0.006
04 Vargas, Manuel 609-18-3658	ACM pipe insulation remo Bldg. #61 2nd f		255	510	0	100	<7.6 #2	<0.006	0.006
05 · Vega, Ruben 573-77-5733	Asbestos removal Bldg. # exterior	610059-05A <del>‡</del> 57	255	510	6	100	7.6	0.006	0.006
06 Espinoza, Osbaldo 645-41-4847	Roofing removal bldg. # roof top	610059-06A 29	180	414	100	58	219.6	0.204	0.007
07 Vega, Fernando 550-45-0434	Asbestos removal Bldg. # exterior	610059-07A ‡37	180	414	62	100	79.0	0.073	0.007
08	Field	610059-08A	BLANK	BLANK	0	100	0.0	N/A	N/A
09	Lot	610059-09A	BLANK	BLANK	0	100	0.0	N/A	N/A

LABORATORY MANAGER

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>\*</sup> PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

Fibers/cc = fibers per cubic centimeter of air.

<sup>\* &</sup>gt; = greater than / < = less than

<sup>1/</sup>A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>32:</sup> Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

**REPORT DATE: 10/25/96** SAMPLE(S) RECEIVED: 10/24/96

SAMPLE(S) TAKEN: 10/22/96

**ECOLOGICS LABORATORY NO: 610058** 

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9836

**WORK SITE:** 

McDonnell Douglas

NO. OF SAMPLE(S) ANALYZED: 7

ANALYSIS:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

										_
CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)	
01 Perez, Norman 683-86-8622	Final clean ACM fireproof Bldg. #37 4th floor	610058-01A	165	330	83	100	105.7	0.123	0.009	
02 Portillo, Herman 615-14-2287	Mastic on edges Bldg. #37 2nd floor	610058-02A ,	270	540	106.5	62	218.8	0.156	0.005	
03 Vargas, Manuel 609-18-3658	ACM pipe insulation glove bag Bldg. #61 2nd floor	610058-03A	270	540	0	100	<7.6 #2	<0.005	0.005	
04 Dolbric, Spaso 152-76-9968	Roofing removal Bldg. #29 roof	610058-04A	225	450	0	100	<7.6 #2	<0.007	0.007	
05 Vega, Ruben 573-77-5733	Asbestos removal Bidg. #57 roof	610058-05A	180	360	0	100	<7.6 #2	<0.008	0.008	
06	Field	610058-06A	BLANK	BLANK	0	100	0.0	N/A	N/A	
07	Lot	610058-07A	BLANK	BLANK	0	100	0.0	N/A	N/A	

**ABORATORY MANAGER** 

## NOTE:

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

<sup>\*</sup> Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>gt; = greater than / < = less than

WA: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>#2:</sup> Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

**REPORT DATE: 10/25/96** 

SAMPLE(S) RECEIVED: 10/24/96

CLIENT PROJECT NO: 97-109A

SAMPLE(S) TAKEN: 10/21/96

CLIENT:

ANALYSIS:

METHOD:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

WORK SITE:

McDonnell Douglas

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

CLIENT PURCHASE ORDER NO: A9828

NO. OF SAMPLE(S) ANALYZED: 6

ECOLOGICS LABORATORY NO: 610060

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Palencia, Manuel 553-99-7170	Final clean bag out Bldg. #37 4th floor	610060-01A	165	330	0	100	<7.6 #2	<0.009	0.009
02 Hernandez, Jorge 524-15-3243	ACM pipe insulation remo Bldg. #61 2nd floor	610060-02A val	165	330	0	100	<7.6 #2	<0.009	0.009
03 Gollas, Clemente 507-20-5496	Roofing penetrations Bidg. #61 roof	610060-03A	180	360	0	100	<7.6 #2	<0.008	0.008
04 Dolbric, Spaso 152-76-9968	Roofing removal Bldg. # roof	610060-04A #29	180	360	4	100	<7.6 #2	<0.008	0.008
05	Field	610060-05A	BLANK	BLANK	0	100	0.0	N/A	N/A
06	Lot	610060-06A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

· Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

~> = greater than / < = less than

I/A: Not applicable Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.

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## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806 McDonnell Douglas

**REPORT DATE: 10/22/96** 

SAMPLE(S) RECEIVED: 10/21/96

SAMPLE(S) TAKEN: 10/18/96

ECOLOGICS LABORATORY NO: 610052

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9824

ANALYSIS:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

NO. OF SAMPLE(S) ANALYZED: 5

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Hernandez, Angel 611-34-8597	Final clean ACM fireproof Bldg. #37 4th floor	610052-01A	240	480	100	57	223.5	0.179	0.006
02 Rivas, Douglas 611-18-8459	Beed blast removal Bldg. #37 3rd floor	610052-02A	165	330	0	100	<7 6 #2	<0 009	0.009
03 Hernandez, Mauricio 624-46-5392	VAT mastic Bldg. #61 area #3	610052-03A	180	360	0	0	#18	N/A	N/A
04 Perez, Norman 683-86-8622	Pipe insulation removal Bldg. #61 2nd floor	610052-04A	195	390	100	90	141.5	0 140	800.5
05	Field	610052-05A	BLANK	BLANK	0	100	0.0	N/A	N/A
06	Lot	610052-06A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

## NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\* > = greater than / < = less than

I/A. Not applicable Blank results reported as fiber density (f/mm²) only.

2: Detection limit based on minimum fiber count.

#18: Sample not analyzed due to missing filter in cassette cowl



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806 McDonnell Douglas

REPORT DATE: 10/18/96

SAMPLE(S) RECEIVED: 10/18/96

SAMPLE(S) TAKEN: 10/17/96 ECOLOGICS LABORATORY NO: 610049

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9819

ANALYSIS:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

NO. OF SAMPLE(S) ANALYZED: 8

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Perez, Norman 683- <b>8</b> 6-8622	Final clean wash down Bldg. #37 4th flo	610049-01A oor	135	270	3	100	<7.6 #2	<0.011	0.011
02 Sagastimo, Estebar 618-58-9007	Demo ACM n fire, roof remove Bldg. #37 S. stairwell	610049-02A al	120	276	45.5	100	58.0	0.081	0.011
03 Portillo, Herman 615-14-2287	Beed blast removal Bldg. # 3rd floor	610049-03A #37	240	480	5.5	100	<7 6 #2	<0.006	0.006
04 Takushi, Thomas 575-78-0385	ACM removal Bldg. #57 exterior	610049-04A	120	240	69.5	100	88.5	0.142	0.012
05 Hernandez, Jorge 524-15-3243	Pipe insulation removal Bldg. # 2nd floor		105	241	7	100	8.9	0.014	0.012
<b>0</b> 6 Cota, Hector 622- <b>95</b> -7654	V.A.T. removal Bldg. #61 area #3	610049-06A	195	448	24	100	30.6	0.026	0.007
07	Field	ส10049-07A	BLANK	BLANK	C	100	0.0	N/A	N/A
08	Lot	610049-08A	BLANK	BLANK	0	100	0.0	N/A	N/A

\_ABORATORY MANAGER

NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\*PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

'Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\*> = greater than / < = less than

√A: Not applicable. Blank results reported as fiber density (f/mm²) only.

.#2: Detection limit based on minimum fiber count.

Carlos Mangin Laboratory Analyst



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

REPORT DATE: 10/18/96

SAMPLE(S) RECEIVED: 10/18/96

CLIENT PROJECT NO: 97-109A

ECOLOGICS LABORATORY NO: 610050

CLIENT PURCHASE ORDER NO: A9818

SAMPLE(S) TAKEN: 10/16/96

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

WORK SITE: McDonnell Douglas

ANALYSIS: METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

NO. OF SAMPLE(S) ANALYZED: 7 PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Hernandez, Angel 611-34-8597	Final clean Bldg. #37 4th floor	610050-01A	200	460	18	100	22.9	0.019	0.006
02 Asis, Navarro 615-60-0487	Demo abatement Bldg. #37 4th S. stairwell	610050-02A	210	483	0	100	<7.6 #2	<0.006	0.006
03 Cota, Hector 622-95-7654	V.A.T. removal Bidg. #61 area #2	610050-03A	195	390	2	100	<7.6 #2	<0.008	0.008
04 Perez, Norman 683-86-8622	ACM pipe removal Bldg. #61 2nd f	610050-04A Roor	225	450	83.5	100	106.4	0.091	0.007
05 Espinoza, Osbaldo 645-41-4847	ACM roof removal Bldg. # roof top	610050-05A #29	300	690	105	33	405.3	0.226	0.004
06	Field	610050-06A	BLANK	BLANK	0	100	0.0	N/A	N/A
07	Lot	610050-07A	BLANK	BLANK	0	100	0.0	N/A	N/A

'ABORATORY MANAGER

NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\* > = greater than / < = less than

4/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

12: Detection limit based on minimum fiber count.

Carlos Mangin Laboratory Analyst



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

SAMPLE(S) RECEIVED: 10/16/96

SAMPLE(S) TAKEN: 10/15/96

REPORT DATE: 10/17/96

ECOLOGICS LABORATORY NO: 610046

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9815

NO. OF SAMPLE(S) ANALYZED: 8

WORK SITE:

McDonnell Douglas

ANALYSIS: METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE 1D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Padilla, Antonio 585-26-0014	ACM abatement Bldg. #37 4th floor	610046-01A	165	330	10.5	100	13.4	0.016	0.009
02 Vega, Ruben 573-77-5733	ACM abatement Bldg. #37 4th floor	610046-02A	120	240	101.5	. 60	215.5	0.346	0.012
03 Rivas, Douglas 611-18-8459	Beed blast removal Bldg. #37 2nd floor	610046-03A	180	360	94	100	119.7	0.128	0.008
04 Dolbric, Spaso 152-76-9968	Roof removal Bldg. #29 roof	610046-04A	135	270	22	100	28.0	0.040	0.011
05 Nunez, Mauro 679-89-4735	V.A.T. removal Bidg. #61 area #1	610046-05A	120	240	101	81	158.8	0.255	0.012
06 Cota, Hector 622-95-7654	V.A.T. removal Bidg. #61 area #1	610046-06A	180	360	17	100	21.7	0.023	0.008
07	Field	610046-07A	BLANK	BLANK	0	100	0.0	N/A	N/A
08	Lot	610046-08A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

\* Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

> = greater than / < = less than

J/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.

Carlos Mangin

Laboratory Analyst



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806 McDonnell Douglas

**REPORT DATE: 10/18/96** 

SAMPLE(S) RECEIVED: 10/15/96

SAMPLE(S) TAKEN: 10/14/96

ECOLOGICS LABORATORY NO: 610040

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9810

NO. OF SAMPLE(S) ANALYZED: 7

ANALYSIS: METHOD:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Hernandez, Angel 611-34-8597	Fireproof removal Bldg. #37 4th floor	610040-01A	240	480	20	100	25.5	0.020	0.006
02 Rivas, Douglas 611-18-8459	Beed blast removal Bldg; #37 2nd floor	610040-02A	130	260	2	100	<7.6 #2	<0.011	0.011
03 Meza, Francisco 603-20-0508	Final clean Bldg. #37 1st floor	610040-03A	135	270	102	95	136.8	0.195	0.011
04 Nunez, Mauro 679-89-4735	Penetration tar sealant Bldg. #61 roof top	610040-04A	120	240	6	100	7.6	0.012	0.012
05 Dolbric, Spaso 152-76-9968	Field roofing Bldg. #29 roof top	610040-05A	180	360	104	35	378.5	0.405	0.008
06	Field	610040-06A	BLANK	BLANK	0	100	0.0	N/A	N/A
07	Lot	610040-07A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density

to 10 percent at high fiber density. ~ Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

> = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.

Carlos Mangin



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

REPORT DATE: 10/16/96

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

WORK SITE:

McDonnell Douglas

ANALYSIS: METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

ECOLOGICS LABORATORY NO: 610039 CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9810

SAMPLE(S) RECEIVED: 10/15/96

SAMPLE(S) TAKEN: 10/11/96

NO. OF SAMPLE(S) ANALYZED: 9

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Padilla, Antonio 585-26-0014	Ceiling & wall demo Bldg. #37 4th floor		130	260	6	100	7.6	0.011	0.011
02 Sagast <b>imo</b> , Esteba 61 <b>8-58-</b> 9007	ACM fireproof an abatement Bldg. #37 4th fl		120	240	60.5	100	77.1	#8 0.124	0.012
03 Porti <b>llo</b> , Herman 615-14-2287	Beed blast Bldg. #37 3rd fl	610039-03A loor	165	330	108	60	229.3	0.268	0.009
04 Rosales, Hector 564-91-9876	Final wash down bag out Bldg. #37 1st north	610039-04A	140	280	10.5	100	13.4	0.018	0.010
05 Meza, Francisco 603-20-0508	Final waşh down Bldg. #37 1st mezzanine		120	240	102	32	406.1	0.651	0.012
06 Cota, Hector 622-95-7654	Roof penetrations Bldg. #67 roof	610039-06A	120	240	50.5	100	64.3	0.103	0.012
07 Nunez, Mauro 679-89-4735	Roof penetrations Bldg. #67 roof	610039-07A	120	240	6	100	7.6	0.012	0.012
08	Field	610039-08A	BLANK	BLANK	O	100	0.0	N/A	N/A
09	Lot	610039-09A	BLANK	BLANK	0	100	0.0	N/A	N/A
0.0						$\cap$	*	_	

LABORATORY MANAGER

Carlos Mangin

Laboratory Analyst

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>\*</sup> PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

<sup>\*</sup> Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>\* &</sup>gt; = greater than / < = less than

N/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>#8:</sup> Heavy particulate loading may have obscured smaller fibers.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

**REPORT DATE: 10/14/96** 

SAMPLE(S) RECEIVED: 10/11/96

CLIENT PROJECT NO: 97-109A

ECOLOGICS LABORATORY NO: 610037

CLIENT PURCHASE ORDER NO: A9806

SAMPLE(S) TAKEN: 10/10/96

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

ANALYSIS: METHOD:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

NO. OF SAMPLE(S) ANALYZED: 8 PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

D NUMBER   LOCATION   ID NUMBER   TIME (MIN)   VOLUME (L)   COUNTED   COUNTED   (F/MM^2)   CONCENTRATION   LOCATION   L										
Rivas, Douglas 611-18-8459 2nd floor  02 Ceiling demo 610037-02A 120 240 4.5 100 <7.6 #2 <0.012  Asis, Navarro bldg, # 37 4th floor  03 Final wash 610037-03A 180 360 44 100 56.1 0.060  Meza, Francisco 603-20-0508 bldg, #37  04 Pipe insulation 610037-04A 120 240 2 100 <7.6 #2 <0.012  iernandez, Mauricio 624-46-5392 main area  05 Roof patches 610037-05A 135 270 45.5 100 58.0 0.083  Gallos, Juan 558-25-6388 tunnel  06 ACM pipe 610037-06A 155 310 2 100 <7.6 #2 <0.009  Miranda, Fernando 594-89-5849 bldg, #61 main area  07 Field 610037-07A BLANK BLANK 0 100 0.0 N/A				TIME (MIN)				DENSITY		CALCULATED LOD (F/CC)
Asis, Navarro 605-60-0487 4th floor  03 Final wash 610037-03A 180 360 44 100 56.1 0.060  Meza, Francisco down 1st floor N. bldg. #37  04 Pipe insulation 610037-04A 120 240 2 100 <7.6 #2 <0.012  ternandez, Mauricio 624-46-5392 main area  05 Roof patches 610037-05A 135 270 45.5 100 58.0 0.083  Gallos, Juan bldg. # 34 tunnel  06 ACM pipe 610037-06A 155 310 2 100 <7.6 #2 <0.009  Miranda, Fernando 594-69-5849 bldg. #61 main area  07 Field 610037-07A BLANK BLANK 0 100 0.0 N/A	Rivas, Douglas	bldg. # 37	610037-01A	120	240	2.5	100	<7,6 #2	<0.012	0.012
Meza, Francisco 603-20-0508         down 1st floor N. bldg. #37           04         Pipe insulation bldg. # 67 624-46-5392         610037-04A         120         240         2         100         <7.6 #2	Asis, Navarro	bldg. # 37	610037-02A	120	240	4.5	100	<7.6 #2	<0.012	0.012
Iernandez, Mauricio 624-46-5392         bldg. # 67 main area           05         Roof patches bldg. # 34 558-25-6368         610037-05A         135         270         45.5         100         58.0         0.083           06         ACM pipe removal bldg. # 34 bldg. # 34 tunnel         155         310         2         100         <7.6 #2	Meza, Francisco d	own 1st floor N.		180	360	44	100	56.1	0.060	0.008
Gallos, Juan bldg. # 34   558-25-6368 tunnel  06	fernandez, Mauricio	bldg. # 67	610037-04A	120	240	2	100	<7.6 #2	<0.012	0.012
Miranda, Fernando removal 594-69-5849 bldg. #61 main area  07 Field 610037-07A BLANK BLANK 0 100 0.0 N/A	Gallos, Juan	bldg. # 34	610037-05A	135	270	45.5	100	58.0	0.083	0.011
	Miranda, Fernando	removal bldg. #61	610037-06A	155	310	<b>2</b>	100	<7.6 #2	<0.009	0.009
08 Lot 610037-08A BLANK BLANK 0 100 0.0 N/A	07	Field	610037-07A	BLANK	BLANK	0	100	0.0	N/A	N/A
	08	Lot	610037-08A	BLANK	BLANK	0	100	0.0	N/A	N/A

Allen Hiavacek

ABORATORY MANAGER

NOTE:

Carlos Mangin

Laboratory Analyst

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>\* &</sup>gt; = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>2:</sup> Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 10/11/96 SAMPLE(S) RECEIVED: 10/10/96

SAMPLE(S) TAKEN: 10/09/96

ECOLOGICS LABORATORY NO: 610032

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9800

**NORK SITE:** ANALYSIS:

McDonnell Douglas

NO. OF SAMPLE(S) ANALYZED: 7

METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 emandez, Mauricio 624-46-5392	ACM fireproof abatement Bldg #37 1st flo mezanine	610032-01A	180	360	72.5	100	92.4	0.099	0.008
02 <b>Rosa</b> les, Hector <b>564-</b> 91-9876	ACM fireproof abatement Bldg #37 1st flo mezanine	610032-02A por	150	300	0	100	<7.6 #2	<0.010	0.010
03 Asis, Abed 605-60-0487	Ceiling demo Bidg. #37 4th floor	610032-03A	180	360	100	75	169.9	0.182	0.008
04 Vega, Oscar 621-09-6574	ACM pipe removal Bldg. # main area	610032-04A #67	145	290	42.5	100	54.1	0.072	0.010
05 <b>Miranda</b> , Fernando <b>594-</b> 69-5849	ACM pipe removal Bldg. # 2nd floor	610032-05A ¢61	210	420	0	100	<7.6 #2	<0.007	0.007
06	Field	610032-06A	BLANK	BLANK	o	100	0.0	N/A	N/A
07	Lot	610032-07A	BLANK	BLANK	100	63	202.2	#3 N/A	N/A

Allen Hlavacék

**ABORATORY MANAGER** 

## NOTE:

PCM relative standard deviations range from 40 percent at low fiber density

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>gt; = greater than / < = less than

<sup>/</sup>A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>#2:</sup> Detection limit based on minimum fiber count.

<sup>#3:</sup> High density on blank sample suggests that filter may have been contaminated prior to laboratory receipt therefore, results not blank corrected.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 10/10/96

SAMPLE(S) RECEIVED: 10/09/96

SAMPLE(S) TAKEN: 10/08/96

ECOLOGICS LABORATORY NO: 610029

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9792

NORK SITE: ANALYSIS:

McDonnell Douglas

NO. OF SAMPLE(S) ANALYZED: 7

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 fernandez, Mauricio 624-46-5392	Fireproofing removal Bldg. #37 1st floor north	610029-01A	160	320	0	0	#7	N/A	N/A
02 Rosales, Hector 564-91-9876	Fireproofing removal Bidg. #37 1st floor north	610029-02A	180	360	100	81	157.3	0.168	0.008
03 Cota, Hector 622-95-7654	Window puddy Bldg. #36 exterior	610029-03A	180	414	152	20	968.2	0.900	0.007
04 Vega, Oscar 621-09-6574	ACM pipe insulation Bldg. #61 main 2nd floor	610029-04A	120	276	3	100	<7.6 #2	0.011	0.011
05 Miranda, Fernando 594-69-5849	ACM pipe insulation Bldg. #61 main	610029-05A	180	360	35	100	44.6	0.048	0.008
06	Field	610029-06A	BLANK	BLANK	0	100	0.0	N/A	N/A
07	Lot	610029-07A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

PCM relative standard deviations range from 40 percent at low fiber density

to 10 percent at high fiber density.

Fibers/mm<sup>2</sup> = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>gt; = greater than / < = less than

t/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>.2:</sup> Detection limit based on minimum fiber count.

<sup>#7:</sup> Sample not analyzed due to heavy particulate loading.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

WORK SITE:

METHOD:

McDonnell Douglas

ANALYSIS:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

**REPORT DATE: 10/10/96** 

SAMPLE(S) RECEIVED: 10/09/96

SAMPLE(S) TAKEN: 10/07/96 ECOLOGICS LABORATORY NO: 610030

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9791

NO. OF SAMPLE(S) ANALYZED: 7

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Rivas, Douglas 611-18-8459	Mastic removal Bldg. #37 3rd floor	610030-01A	135	270	0	100	<7.6 #2	<0.011	0.011
02 Nunez, Mauro 679-89-4735	Window puddy Bldg. #36 exterior	610030-02A	110	253	1	100	<7.6 #2	<0.012	0.012
03 Perez, Norman 683-86-8622	ACM pipe insulation Bldg. #61 main	610030-03A	225	517	0	100	<7.6 #2	<0.006	0.006
04 Meza, Francisco 603-20-0508	ACM pipe insulation Bldg. #67 main	610030-04A	90	207	6	100	7.6	0.014	0.014
05 Sagastimo, Estebar 618-58-9007	ACM fireproof abatement Bldg. #37 1st floor north	610030-05A	165	330		100	<7.6 #2 •	<0.009	0.009
06	Field	610030-06A	BLANK	BLANK	0	100	0.0	N/A	N/A
07	Lot	610030-07A	BLANK	BLANK	0	100	0.0	N/A · · · · ·	N/A

ABORATORY MANAGER

## NOTE:

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>gt; = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>#2:</sup> Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

**REPORT DATE: 10/09/96** 

SAMPLE(S) RECEIVED: 10/08/96

SAMPLE(S) TAKEN: 10/04/96

ECOLOGICS LABORATORY NO: 610024

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9786

NORK SITE: ANALYSIS:

McDonnell Douglas

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

NO. OF SAMPLE(S) ANALYZED: 7

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Sagastimo, Esteban U18-58-9007	Fireproofing abatement Bldg. #37 S. stairwell	610024-01A	150	345	72	100	91.7	0.102	0.008
02 Hemandez, Angel 611-34-8597	Fireproofing abatement Bldg. #37 S. stairwell	610024-02A	120	276	5	100	<7.6 #2	<0.011	0.011
03 Espinoza, Osbaldo 645-41-4847	ACM roof removal Bldg. # 36	610024-03A	180	360	0	100	<7.6 #2	<0.008	0.008
04 Perez, Norman 683-86-8622	ACM pipe insulation Bldg #61 main area	610024-04A	180	360	0	100	<7.6 #2	<0.008	0,008
05	Field	610024-05A	BLANK	BLANK	0	100	0.0	N/A	N/A
06	Lot	610024-06A	BLANK	BLANK	0	100	0.0	N/A	N/A
07 Meza, Francisco 603-20-0508	ACM pipe insulation Bldg #67- main area	610024-07A	135	270	0	100	<7,6 #2	<0,011	0.011

ABORATORY MANAGER

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>\*</sup> PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>\* &</sup>gt; = greater than / < = less than

I/A: Not applicable, Blank results reported as fiber density (f/mm²) only.

<sup>2:</sup> Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

**REPORT DATE: 10/07/96** 

SAMPLE(S) RECEIVED: 10/04/96

SAMPLE(S) TAKEN: 10/03/96

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

WORK SITE:

ANALYSIS:

METHOD:

McDonnell Douglas

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT PROJECT NO: 97-109A CLIENT PURCHASE ORDER NO: A9772 NO. OF SAMPLE(S) ANALYZED: 6

ECOLOGICS LABORATORY NO: 610017

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 agastimo, Estebar 618-58-9007	V.A.T. removal bldg. #37 2nd floor	610017-01A	150	300	1	100	<7.6 #2	<0.010	0.010
02 Cota, Hector 622-95-7654	ACM fireproof removal final clean bldg. #37 S. stairwell	610017-02A	170	340	1	100	<7.6 #2	<0.009	0.009
03 Dobric, Spaso 152-76-9968	Roofing abate bldg, #36 roof	610017-03A	150	345	68	100	86.6	0.097	0.008
04 ⊮iranda, Fernando 594-69-5849	Pipe insulation removal main a bldg. #61		170	425	2	100	<7.6 #2	<0.007	0.007
05	Field	610017-05A	BLANK	BLANK	0	100	0.0	N/A	N/A
06	Lot	610017-06A	BLANK	BLANK	0	100	0.0	N/A	N/A

**ABORATORY MANAGER** 

Carlos Mangin Laboratory Analyst

## NOTE:

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

<sup>-</sup> Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>&</sup>gt; = greater than / < = less than

VA: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>#2:</sup> Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 10/07/96 SAMPLE(S) RECEIVED: 10/04/96

SAMPLE(S) TAKEN: 10/02/96

**ECOLOGICS LABORATORY NO: 610015** 

CLIENT PROJECT NO: 97-109A CLIENT PURCHASE ORDER NO: A9772

NO. OF SAMPLE(S) ANALYZED: 6

ANALYSIS:

WORK SITE:

McDonnell Douglas FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

METHOD: PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Hernandez, Angel 611-34-8597	Clean & bag out north stairwell bidg. # 37	610015-01A	150	300	6	100	7.6	0.010	0.010
02 Asis, Navarro 605-60-0487	Asbestos demo south stairwell bldg. # 37	610015-02A	180	360	2	100	<7.6 #2	<0.008	0.008
03 Vega, Oscar 621-09-6574	ACM pipe abatement bldg. #61 main	610015-03A	240	552	1	100	<7.6 #2	<0.005	0.005
04 Dobric, Spaso 152-76-9968	ACM roof removal bldg. #36 roof	610015-04A	165	379	16.5	100	21.0	0.021	0.008
05	Field	610015-05A	BLANK	BLANK	0	100	0.0	N/A	N/A
06	Lot	610015-06A	BLANK	BLANK	0	100	0.0	N/A	N/A

ABORATORY MANAGER

Carlos Mangin Laboratory Analyst

## NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\* > = greater than / < = less than

VA: Not applicable. Blank results reported as fiber density (f/mm²) only.

2: Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 10/03/96

SAMPLE(S) RECEIVED: 10/02/96 SAMPLE(S) TAKEN: 10/01/96

ECOLOGICS LABORATORY NO: 610007

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9763

NO. OF SAMPLE(S) ANALYZED: 8

ANALYSIS:

WORK SITE:

McDonnell Douglas

METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE 'D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
<b>01</b> Miranda, Fernando 594- <b>69</b> -5849	Pipe insulation abatement Bldg. #61 area #1	610007-01A	150	300	1	100	<7.6 #2	<0.010	0.010
<b>0</b> 2 Nunez, Mauro 679- <b>8</b> 9-4735	Pipe insulation abatement Bidg. #61 area #1	610007-02A	150	300	2	100	<7.6 #2	<0.010	0.010
03 Miranda, Oscar 636-45-5260	Fireproofing removal & final clean Bldg. #37 N. stairwell		170	340	0	100	<7.6 #2	<0.009	0 009
<b>04</b> Torres, Manuel 604-26-9398	Fireproofing removal & final clean Bldg. #37 N. stairwell		170	340	43.5	100	55.4	0.063	0.009
<b>05</b> Espino <b>za</b> , Osbaldo 645 <b>-41-</b> 4847	ACM roofing Bldg. #36 roof	610007-05A	185	425	0	100	<7.6 #2	<0.007	0.007
<b>0</b> 6 Dolbric, Spaso 152- <b>76</b> -9968	ACM roofing Bldg. #36 roof	610007-06A	185	425	0	100	<7.6 #2	<0.007	0.007
07	Field	610007-07A	BLANK	BLANK	0	100	0.0	N/A	N/A
08	Field	610007-08A	BLANK	BLANK	0	100	0.0	N/A	N/A

LABORATORY MANAGER

Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>\*</sup> PCM relative standard deviations range from 40 percent at low fiber density

to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

Fibers/oc = fibers per cubic centimeter of air.

<sup>\* &</sup>gt; = greater than / < = less than

N/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>2:</sup> Detection limit based on minimum fiber count.



## Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806 McDonnell Douglas

REPORT DATE: 10/03/96

SAMPLE(S) RECEIVED: 10/02/96

SAMPLE(S) TAKEN: 09/30/96

**ECOLOGICS LABORATORY NO: 610008** 

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9763

NO. OF SAMPLE(S) ANALYZED: 8

WORK SITE: ANALYSIS: METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE 'D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Hemandez, Angel 611-34-8597	ACM fireproofing Bldg. #37 N. stairs	610008-01A	135	270	3.5	100	<7.6 #2	<0.011	0.011
02 Portillo, Herman 615-14-2287	Demo plaster walls Bldg. #37 S. stairs	610008-02A	130	260	2	100	<7.6 #2	<0.011	0.011
03 Perez, Norman 683-86-8622	Fireproofing removal Bldg. #37 N. stairs	610008-03A	165	330	25.5	100	32.5	0.038	0.009
04 Miranda, Oscar 636-45-5260	Fireproofing removal Bldg. #37 S. stairs	610008-04A	165	330	103.5	63	209.3	0.244	0.009
05 Espinoza, Osbaldo 645-41-4847	Roofing removal Bldg. #34 roof	610008-05A	150	345	52.5	100	66.9	#8 0.075	0.008
06 Dolbric, Spaso 152-76-9968	Roofing removal Bldg. #34 roof	610008-06A	180	414	32.5	100	41.4	0.039	0.007
07	Field	610008-07A	BLANK	BLANK	0	100	0.0	N/A	N/A
08	Lot	610008-08A	BLANK	BLANK	0	100	0.0	N/A	N/A

\_ABORATORY MANAGER

Carlos Mangin Laboratory Analyst

NOTE:

Fibers smaller than 0.3 microns in diameter are not detected by PCM. PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

\* Fibers/mm² = fibers per square millimeter.

Fibers/cc = fibers per cubic centimeter of air.

> = greater than / < = less than

N/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.

8: Heavy particulate loading may have obscured smaller fibers.



### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806 McDonnell Douglas

REPORT DATE: 10/01/96

SAMPLE(S) RECEIVED: 09/30/96

SAMPLE(S) TAKEN: 09/27/96

ECOLOGICS LABORATORY NO: 609111

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9758 NO. OF SAMPLE(S) ANALYZED: 8

ANALYSIS: METHOD:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
<b>01</b> Garcia, Raul 605- <b>0</b> 9-9842	ACM debri bag out bldg. #37 3rd floor	609111-01A	150	300	5	100	<7.6 #2	<0.010	0.010
02 Hernandez, Angel 611-34-8597	Plaster demo north stairweil bldg. #37	609111-02A	150	300	2	100	<7.6 #2	<0.010	0.010
<b>0</b> 3 Asis. Navarro 605- <b>6</b> 0-0487	Plaster demo north stairwell bidg. #37	609111-03A	180	360	3	100	<7.6 #2	<0.008	0.008
04 Meza, Francisco 603-20-0508	Final clean bidg. #37 2nd floor	609111-04A	180	360	48	100	61.1	#8 0.065	0.008
05 Dolbric, Spaso 152-76-9968	Roof removal bidg. #34 area #3	609111-05A	150	345	3	100	<7.6 #2	<0.008	0.008
<b>0</b> 6 Espinoza, Osbaldo 645-41-4847	Roof removal bldg. #34 area #3	609111-06A	180	414	3.5	100	<7.6 #2	<0.007	0.007
07	Field	609111-07A	BLANK	BLANK	0	100	0.0	N/A	N/A
08	Lot	609111-08A	BLANK	BLANK	0	100	0.0	N/A	N/A

LABORATORY MANAGER

NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

WA: Not applicable. Blank results reported as fiber density (f/mm²) only.

#8: Heavy particulate loading may have obscured smaller fibers.

Carlos Mangin

Laboratory Analyst

<sup>&#</sup>x27;Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>\* &</sup>gt; = greater than / < = less than

<sup>#2:</sup> Detection limit based on minimum fiber count.



#### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

**REPORT DATE: 10/01/96** SAMPLE(S) RECEIVED: 09/30/96

SAMPLE(S) TAKEN: 09/26/96

ECOLOGICS LABORATORY NO: 609112

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9758

NO. OF SAMPLE(S) ANALYZED: 8

ANALYSIS: METHOD:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Hernandez, Mauricio 624-46-5392	Final clean o VAT removal Bldg. #37 2nd floor	609112-01A	135	270	13.5	100	17.2	0.025	0.011
02 Velasco, Domingo 620-16-8653	Final clean VAT removal Bldg. #37 3rd floor	609112-02A	135	270	9.5	100	12.1	0.017	0.011
03 Meza, Francisco 603-20-0508	VAT removal Bldg. #37 2nd floor	609112-03A	150	375	52	100	66.2	0.068	. 0.008
04 Padilla, Antonio 585-26-0014	VAT removal Bldg. #37 3rd floor	609112-04A	120	240	70.5	100	89.8	#8 0.144	0.012
05 Dolbric, Spaso 152-76-9968	Roofing removal Bldg. #34 roof	609112-05A	130	325	24	100	30.6	0.036	0.009
06 Gheorghe, Nicolae 611-74-3775	Roofing removal Bldg. #34 roof	609112-06A	165	412	12.5	100	15.9	0.015	0.007
07	Field	609112-07A	BLANK	BLANK	0	100	0.0	N/A	N/A
08	Lot	609112-08A	BLANK	BLANK	0	100	0.0	- 10-01-91	N/A

Allen Hlavacek

LABORATORY MANAGER

NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

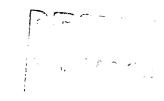
Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\* > = greater than / < = less than

V/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

.#8: Heavy particulate loading may have obscured smaller fibers.



Carlos Mangin

Laboratory Analyst



#### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 09/26/96

SAMPLE(S) RECEIVED: 09/26/96 SAMPLE(S) TAKEN: 09/25/96

ECOLOGICS LABORATORY NO: 609102

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9752

NO. OF SAMPLE(S) ANALYZED: 4

ANALYSIS: METHOD:

WORK SITE:

McDonnell Douglas

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

FIBER **CLIENT SAMPLE** SAMPLE LAB SAMPLE SAMPLE SAMPLE **FIBERS FIELDS** DENSITY **FIBER** CALCULATED **ID NUMBER** LOCATION ID NUMBER TIME (MIN) VOLUME (L) COUNTED COUNTED (F/MM^2) CONCENTRATION LOD (F/CC) 01 Roofing material 609102-01A 180 360 0 100 <7.6 #2 < 0.008 0.008 Mititelu, Stefan Bldg. #34 612-40-4660 roof area #3 02 Pipe insulation 609102-02A 360 15 100 19.1 #3 0.020 0.008 Nunez, Mauro Bldg. #34 679-89-4735 breezeway 03 Field 609102-03A BLANK **BLANK** 100.5 90 142.3 N/A N/A 04 609102-04A **BLANK BLANK** 100 0.0 Lot N/A N/A

'ABORATORY MANAGER

#### NOTE:

- \* Fibers smaller than 0.3 microns in diameter are not detected by PCM.
- \* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

- \* Fibers/cc = fibers per cubic centimeter of air.
- \* > = greater than / < = less than
- Not applicable. Blank results reported as fiber density (f/mm²) only.
- 2: Detection limit based on minimum fiber count.
- #3: High density result for blank sample suggests that filter may have been contaminated prior to laboratory receipt therefore, results not blank corrected.



### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 09/26/96

SAMPLE(S) RECEIVED: 09/26/96 SAMPLE(S) TAKEN: 09/25/96

ECOLOGICS LABORATORY NO: 609104

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9752

NO. OF SAMPLE(S) ANALYZED: 4

ANALYSIS:

WORK SITE:

McDonnell Douglas

METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE TO NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Miranda, Oscar 636-45-5260	Final clean Bldg. #37 2nd floor	609104-01A	180	360	0	100	<7.6 #2	<0.008	0.008
02 Padilla, Antonio 585-26-0014	Final clean Bldg. #37 3rd floor	609104-02A	180	360	4	100	<7.6 #2	<0.008	0.008
03 Rosales, Hector 564-91-9876	Bag out Bldg. #37 2nd floor	609104-03A	155	310	0	100	<7.6 #2	<0.009	0.009
: 04 Henriquez, Mauricio 543-15-3224	V.A.T. removal Bldg. #37 3rd floor	609104-04A	165	330	0	100	<7.6 #2	<0.009	0.009

ABORATORY MANAGER

#### NOTE:



<sup>\*</sup>Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>~</sup> IPCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

<sup>\*</sup>Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>\*&</sup>gt; = greater than / < = less than

<sup>#/</sup>A: Not applicable. Blank results reported as fiber density (f/mm²) only.



### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 09/26/96

SAMPLE(S) RECEIVED: 09/26/96

SAMPLE(S) TAKEN: 09/24/96

ECOLOGICS LABORATORY NO: 609103

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9748

WORK SITE: ANALYSIS:

McDonnell Douglas

NO. OF SAMPLE(S) ANALYZED: 4

METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Ramon, Miguel 657-09-0909	Mastic removal Bldg. #67 area #1	609103-01A	120	240	1	100	<7.6 #2	<0.012	0.012
02 Portillo, Herman 615-14-2287	Mastic removal Bldg. #67 area #1	609103-02A	120	240	0	100	<7.6 #2	<0.012	0.012
03	Field	609103-03A	BLANK	BLANK	0	100	0.0	N/A	N/A
04	Lot	609103-04A	BLANK	BLANK	0	100	0.0	N/A	N/A

'ABORATORY MANAGER

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>\*</sup> PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>\* &</sup>gt; = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>2:</sup> Detection limit based on minimum fiber count.



#### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

CST ENVIRONMENTAL

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 09/26/96

SAMPLE(S) RECEIVED: 09/26/96

SAMPLE(S) TAKEN: 09/24/96

ECOLOGICS LABORATORY NO: 609101

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9748

WORK SITE: ANALYSIS: METHOD:

McDonnell Douglas

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS NO. OF SAMPLE(S) ANALYZED: 4 PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

**FIBER CLIENT SAMPLE** SAMPLE LAB SAMPLE SAMPLE SAMPLE **FIBERS FIELDS** DENSITY **FIBER** CALCULATED 'D NUMBER LOCATION ID NUMBER VOLUME (L) (F/MM^2) TIME (MIN) COUNTED COUNTED CONCENTRATION LOD (F/CC) 01 Roofing removal 609101-01A 150 300 2 100 <7.6 #2 < 0.010 0.010 Mititelu, Stefan Bldg. #34 612-40-4660 area #3 02 Roofing removal 609101-02A 165 330 0 100 <7.6 #2 < 0.009 0.009 Gheorghe, Nicolae Bldg. #34 611-74-3775 area #3 03 Field 609101-03A BLANK BLANK 5.5 100 7.0 #3 N/A N/A 04 Lot 609101-04A BLANK BLANK 0 100 0.0 N/A N/A

'ABORATORY MANAGER

#### MOTE:

- \* Fibers smaller than 0.3 microns in diameter are not detected by PCM.
- \* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.
- Fibers/mm<sup>2</sup> = fibers per square millimeter.
- \* Fibers/cc = fibers per cubic centimeter of air.
- \*>= greater than / < = less than
- WA: Not applicable. Blank results reported as fiber density (f/mm²) only.
- 2: Detection limit based on minimum fiber count.
- #3: High density result for blank sample suggests that filter may have been contaminated prior to laboratory receipt.



### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 09/26/96

SAMPLE(S) RECEIVED: 09/26/96

SAMPLE(S) TAKEN: 09/24/96

**ECOLOGICS LABORATORY NO: 609100** 

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9748

WORK SITE: ANALYSIS:

McDonnell Douglas

NO. OF SAMPLE(S) ANALYZED: 6

METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPI ID NUMBER	LE SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 <b>M</b> eza, Francis 603-20-0508		609100-01A ng	135	270	0	100	<7.6 #2	<0.011	0.011
02 Vega, Rubei 573-77-5733	•	609100-02A	135	270	0	100	<7.6 #2	<0.011	0.011
03 Miranda, Osc 636-45-5260		609100-03A	150	300	5	100	<7.6 #2	<0.010	0.010
04 Cota, Hecto 622-95-7654		609100-04A	170	340	0	100	<7.6 #2	<0.009	0.009
05	Field	609100-05A	BLANK	BLANK	0	100	0.0	N/A	N/A
06	Lot	609100-06A	BLANK	BLANK	0	100	0.0	N/A	N/A

**LABORATORY MANAGER** 

#### NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\* > = greater than / < = less than

WA: Not applicable. Blank results reported as fiber density (f/mm²) only.

2: Detection limit based on minimum fiber count.



#### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

**REPORT DATE: 09/25/96** 

SAMPLE(S) RECEIVED: 09/24/96

SAMPLE(S) TAKEN: 09/23/96

ECOLOGICS LABORATORY NO: 609092

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9747

ANALYSIS:

WORK SITE:

McDonnell Douglas

NO. OF SAMPLE(S) ANALYZED: 6

METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Hernandez, Angel 611-34-8597	Fire proofing abatement Bldg. # 37 2nd floor	609092-01A	135	270	1.5	100	<7.6 #2	<0.011	0.011
02 Padilla, Antonio 585-26-0014	Fire proofing abatement Bldg. # 37 2nd floor	609092-02A	130	260	104	36	368.0	0.545	0.011
03 Vega, Ruben 573-77-5733	Fire proofing abatement Bldg. # 37 3rd floor	609092-03A	135	270	104	33	401.5	0.572	0.011
04 Hernandez, Armando 654-28-6053	Fire proofing abatement Bldg. # 37 3rd floor	609092-04A	135	270	15.5	100	19.7	0.028	0.011
05	Field	609092-05A	BLANK	BLANK	0	1.00	0.0	N/A	N/A
06	Lot	609092-06A	BLANK	BLANK	0	100	0.0	N/A	N/A

LABORATORY MANAGER

Carlos Mangin Laboratory Analyst

#### NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\* > = greater than / < = less than

1/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

32: Detection limit based on minimum fiber count.



#### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

**REPORT DATE: 09/25/96** 

SAMPLE(S) RECEIVED: 09/24/96 SAMPLE(S) TAKEN: 09/23/96

ECOLOGICS LABORATORY NO: 609093

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9747

NO. OF SAMPLE(S) ANALYZED: 4

WORK SITE: ANALYSIS: METHOD:

McDonnell Douglas

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

FIBER **CLIENT SAMPLE** SAMPLE LAB SAMPLE SAMPLE SAMPLE **FIBERS** FIELDS DENSITY FIBER CALCULATED 'D NUMBER LOCATION ID NUMBER TIME (MIN) VOLUME (L) COUNTED COUNTED (F/MM^2) CONCENTRATION LOD (F/CC) 01 Mastic removal 609093-01A 105 210 3 100 <7.6 #2 <0.014 0.014 Bldg. # 67 Ramon, Miguel 657-09-0909 area # 1 02 Detailing abated 609093-02A 100 <7.6 #2 135 270 <0.011 0.011 Velasco, Domingo area 1 & 2 620-16-8653 Bldg. #34 area #2 03 Field 609093-03A **BLANK BLANK** 100 0.0 N/A N/A 04 Lot 609093-04A **BLANK BLANK** 100 0.0 N/A N/A

'ABORATORY MANAGER

Carlos Mangin Laboratory Analyst

#### NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\* > = greater than / < = less than

4/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

:2: Detection limit based on minimum fiber count.



### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

REPORT DATE: 09/24/96

SAMPLE(S) RECEIVED: 09/23/96

SAMPLE(S) TAKEN: 09/20/96

**ECOLOGICS LABORATORY NO: 609089** 

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9742

NO. OF SAMPLE(S) ANALYZED: 4

ANALYSIS: METHOD:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

							-			
	CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
-	01 Ramon, Miguel 657- <b>0</b> 9-0909	Beed blast mastic removal Bldg. #67 area #1	609089-01A	160	320	7.5	100	9.6	0.011	0.009
	02 Portillo, Herman 615-14-2287	Beed blast mastic removal Bldg. #67 area #1	609089-02A	120	240	4.5	100	<7.6 #2	<0.012	0.012
	03	Field	609089-03A	BLANK	BLANK	0	100	0.0	N/A	N/A
	04	Lot	609089-04A	BLANK	BLANK	0	100	0.0	N/A	N/A

LABORATORY MANAGER

Carlos Mangin Laboratory Analyst

#### NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

'Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\* > = greater than / < = less than

Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.



### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

CST ENVIRONMENTAL

2100 E. Via Burton Street

Anaheim, CA 92806 McDonnell Douglas

REPORT DATE: 09/24/96

SAMPLE(S) RECEIVED: 09/23/96

SAMPLE(S) TAKEN: 09/20/96

**ECOLOGICS LABORATORY NO: 609091** 

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9742

NO. OF SAMPLE(S) ANALYZED: 6

ANALYSIS: METHOD:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)		FIBER CONCENTRATION	LCULATED OD (F/CC)
01 Sagastimo, Esteban 618-58-9007	Fireproofing abatement Bldg. #37 2nd floor	609091-01A	210	420	25	100	31.8	#8	0.029	0.007
02 Miranda, Oscar 636-45-5260	Fireproofing abatement Bidg, #37 3rd floor	609091-02A	210	420	102.5	29	449.0	#1	0.412	0.007
03 Vega, Ruben 573-77-5733	Fireproofing abatement Bldg, #37 2nd floor	609091-03A	150	300	15.5	100	18.4 #1	#8	0.024	0.010
04 Hernandez, Armando 654-28-6053	Fireproofing abatement Bldg. #37 3rd floor	609091-04A	150	300	7	100	7.6	#1	0.010	0.010 -
05	Field	609091-05A	BLANK	BLANK	1 ,	100	1.3		N/A	N/A
06	Lot	609091-06A	BLANK	BLANK	0	100	0.0		N/A	N/A

LABORATORY MANAGER

NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\* > = greater than / < = less than

V/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

#1: Analytical results corrected for fibers found on blank sample.

#8: Heavy particulate loading may have obscured smaller fibers.

Carlos Mangin Laboratory Analyst





### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

REPORT DATE: 09/23/96

SAMPLE(S) RECEIVED: 09/20/96

SAMPLE(S) TAKEN: 09/19/96

ECOLOGICS LABORATORY NO: 609086

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9730

NO. OF SAMPLE(S) ANALYZED: 5

ANALYSIS: METHOD:

**NORK SITE:** 

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE 'D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)		FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 <b>M</b> iranda, Oscar 636-45-5260	Fireproofing removal Bldg. #37 2nd floor	609086-01A	120	240	17	100	21.7	#11	0.035	0.012
02 Cota, Hector 622-95-7654	Fireproofing removal Bldg. #37 3rd floor	609086-02A	180	360	27	100	34.4		0.037	0.008
03 Hemandez, Angel 611-34-8597	Excursion Bldg. #37 3rd floor	609086-03A	30	60	0	100	<7.6 #2		<0.049	0.049
04	Field	609086-04A	BLANK	BLANK	0	100	0.0		N/A	N/A
05	Lot	609086-05A	BLANK	BLANK	0	100	0.0		N/A	N/A

**ABORATORY MANAGER** 

#### .IOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\* > = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

2: Detection limit based on minimum fiber count.

#11: Uneven particulate distribution may limit analytical accuracy.



### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

DLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

REPORT DATE: 09/23/96

SAMPLE(S) RECEIVED: 09/20/96

SAMPLE(S) TAKEN: 09/19/96

ECOLOGICS LABORATORY NO: 609085

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9730

NO. OF SAMPLE(S) ANALYZED: 4

AMALYSIS: MIETHOD:

MORK SITE:

McDonnell Douglas

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Ramon, Miguel 657-09-0909	Beed blast mastic removal Bldg. #67 area #1	609085-01A	180	360	2	100	<7.6 #2	<0.008	0.008
02	Field	609085-02A	BLANK	BLANK	0	100	0.0	N/A	N/A
03	Lot	609085-03A	BLANK	BLANK	0	100	0.0	N/A	N/A
04	1st floor mastic removal Bldg #34 area #2	609085-04A	120	240	0	100	<7.6 #2	<0.012	0.012

**ABORATORY MANAGER** 

#### . #OTE:

<sup>\*</sup> Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>\*</sup>PCM relative standard deviations range from 40 percent at low fiber density tto 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>\*&</sup>gt; = greater than / < = less than

<sup>#</sup>A: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>2:</sup> Detection limit based on minimum fiber count.



### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

REPORT DATE: 09/20/96

SAMPLE(S) RECEIVED: 09/19/96

SAMPLE(S) TAKEN: 09/18/96

ECOLOGICS LABORATORY NO: 609078

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9721 NO. OF SAMPLE(S) ANALYZED: 4

ANALYSIS:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

	CLIENT SAMPLE D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS. COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)		FIBER CONCENTRATION	CALCULATED LOD (F/CC)
	01 Portillo, Herman 615-14-2287	V.A.T. removal Bldg. #34 area #2	609078-01A	150	300	2.5	100	<7.6 #2		<0.010	0.010
	02 Welasco, Domingo 620-16-8653	V.A.T. & mastic removal Bldg. #34 area #2	609078-02A	90	180	14	100	15.3	#1	0.033	0.016
	. 03	Field	609078-03A	BLANK	BLANK	2	100	2.5		N/A	N/A
٠.	04	Lot	609078-04A	BLANK	BLANK	0	100	0.0		N/A	N/A

'ABORATORY MANAGER

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\*PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\*> = greater than / < = less than

VA: Not applicable. Blank results reported as fiber density (f/mm²) only.

1: Analytical results corrected for fibers found on blank sample.

#2: Detection limit based on minimum fiber count.

Carlos Mangin Laboratory Analyst



### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

REPORT DATE: 09/20/96

SAMPLE(S) RECEIVED: 09/19/96

SAMPLE(S) TAKEN: 09/18/96

ECOLOGICS LABORATORY NO: 609079

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9721

NO. OF SAMPLE(S) ANALYZED: 6

WORK SITE: ANALYSIS:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

METHOD: PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NU <b>MB</b> ER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Perez, Norman 683- <b>8</b> 6-8622	Fireproofing removal Bldg. #37 2nd floor	609079-01A	135	270	0	0	<b>#</b> 7	N/A	N/A
02 Cota, Hector 622-95-7654	Fireproofing removal Bldg. #37 2nd floor	609079-02A	150	300	25.5	100	32.5	0.042	0.010
03 Padilla, Antonio 585-26-0014	Fireproofing removal Bldg. #37 3rd floor	609079-03A	135	270	73	100	93.0	#8 0.133	0.011
04 Henriquez, Mauric 543-15-3224	Fireproofing io removal Bldg. #37 3rd floor	609079-04A	150	300	2.5	100	<7.6 #2	0.010	0.010
05	Field	609079-05A	BLANK	BLANK	0	100	0.0	N/A	N/A
06	Lot	609079-06A	BLANK	BLANK	0	100	0.0	N/A	N/A

LABORATORY MANAGER

#### 10TE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\* > = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

2: Detection limit based on minimum fiber count.

#7: Sample not analyzed due to heavy particulate loading.

#8: Heavy particulate loading may have obscured smaller fibers.

Carlos Mangin Laboratory Analyst

# EDM environmental data management

4B-8 VILLAGE LOOP ROAD, POMONA, CA 91766 PHONE: 909-865-7550

REPORT FOR CST, INC. JOB # 97-109A

WORK SITE: Mc DONALD DOUGLAS, BUILDING # 37

REPORT DATE: 9/19/96

P.O. # A 9715

		AIR SAMPLE	ANALY	SES: NI	OSH 7400	METHOD	)		
DATE TAKEN FIELD ID LAB. ID	SAMPLE AREA SAMPLE TYPE WORK IN PROGRESS	SAMPLE LOCATION FOR OBZ: NAME FOR OBZ: SS.	OBZ EXPO. TIME MIN.	START SAMPLE END SAMPLE	FLOW RATE LPM VOLUME (L)	FIBERS FIELDS	F,CC TWA	LOD	COMMENTS
9/17/96 1 96EDM4416	IWA OBZ ABATE	FIRE PROOFING REMOVAL 2ND FLOOR ANTONIO PADILLA 535-26-0014	105	7:15 9:00	2.0	20 100	0.047	0.027	OPFP
9/17/96 2 96EDM4417	IWA OBZ. ABATE	FIRE PROOFING REMOVAL 2ND FLOOR ASIS NAVARRO 605-60-0487	110	7:10 9:00	2.0	12 100	0.033	0.027	
9/17/96 3 96EDM4418	IWA OBZ. ABATE	FIRE PROOFING REMOVAL 2ND FLOOR MAURICIO HENRIQUEZ 534-06-3516	140	9:10 11:30	2.0	25 100	0.044	0.022	OPFP
9/17/96 4 96EDM4419	IWA OBZ. ABATE	CONTAINMENT DEMOLITION 3RD FL. ARMANDO HERNANDEZ 654-28-6053	135	9:10 11:25	2.0 270	13	0.024	0.023	
9/17/96 5 96EDM44120	IWA OBZ. ABATE	30 SECONDS SAMPLE - FIELD	;			3			
9/17/96 6 96EDM4420B	BLANK	LAB. BLANK				1			
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	,								,

IWA = INSIDE WORK AREA, OWA = OUTSIDE WORK AREA, OBZ = OPERATOR BREATHING ZONE, LOD = LIMIT OF DETECTION, LOQ = LIMIT OF QUANTIFICATION UFP = UNDER LOADED FIBERS - MAY HAVE POSITIVE BIAS (F/MM<100), OFN = OVER LOADED FIBERS - MAY HAVE NEG. BIAS (F/MM>100) OPN = OVER LOADED PARTICULATE AND FIBERS - MAY HAVE POS. BIAS.

ANALYST: 

ANALYST:

BOE-C6-0079331

# $m{EDM}$ environmental data management

4B-8 VILLAGE LOOP ROAD, POMONA, CA 91766 PHONE: 909-865-7550

REPORT FOR CST, INC. JOB # 97-109A

WORK SITE: Mc DONALD DOUGLAS, BUILDING # 34

REPORT DATE: 9/19/96

P.O. # A 9715

		AIR SAMPLE	EANALY	SES: NI	OSH 7400	METHOD	)		
DATE TAKEN FIELD ID LAB. ID	SAMPLE AREA SAMPLE TYPE WORK IN PROGRESS	SAMPLE LOCATION FOR OBZ : NAME FOR OBZ : SS.	OBZ EXPO. TIME MIN.	START SAMPLE END SAMPLE	FLOW RATE LPM VOLUME (L)	FIBERS FIELDS	F,CC TWA	LOD	COMMENIS
9/17/96 1 96EDM4413	IWA OBZ ABATE	TILE A.C.M REMOVAL AREA # 2 HERMON PORTULLO 615-14-2287	220	7:20 11:00	2.0 440	29 100	0.032 0.015	0.027	
9/17/96 2 96EDM4414	IWA OBZ. ABATE	A.C.M. TILE REMOVAL AREA # 1 MIGUEL ROMON 657-09-0909	145	9:00 11:25	2.0	14	0.024 0.007	0.022	
9/17/96 3 96EDM4415	IWA OBZ. ABATE	30 SECONDS SAMPLE - FIELD				3 100			
9/17/96 4 96EDM4415B	BLANK	LAB. BLANK				100			
						·			

IWA = INSIDE WORK AREA, OWA = OUTSIDE WORK AREA, OBZ = OPERATOR BREATHING ZONE, LOD = LIMIT OF DETECTION, LOQ = LIMIT OF QUANTIFICATION UFP = UNDER LOADED FIBERS- MAY HAVE POSITIVE BIAS (F/MM<100), OFN = OVER LOADED FIBERS- MAY HAVE NEG. BIAS (F/MM>100) OPN = OVER LOADED PARTICULATE - MAY HAVE NEG. BIAS, OPFP = OVER LOADED PARTICULATE AND FIBERS - MAY HAVE POS. BIAS.

ANALYST:

OE-C6-0079332

# EDM environmental data management

413-8 VILLAGE LOOF ROAD, POMONA, CA 91766 PHONE: 909-865-7550

P.O. # A 9708

REPORT DATE: 9/19/96

REPORT FOR CST, INC. JOB # 97-109A

WORK SITE: Mc DONNELD DOUGLAS, BLDG. #67 - AREA #1

		AIR SAMPLE	ANALY	SES: NI	OSH 7400	METHOD	)		
DATE TAKEN FIELD ID LAB. ID	SAMPLE AREA SAMPLE TYPE WORK IN PROGRESS	SAMPLE LOCATION  FOR OBZ: NAME  FOR OBZ: SS.	OBZ EXPO. TIME MIN.	START SAMPLE END SAMPLE	FLOW RATE LPM VOLUME (L)	FIBERS FIELDS	F/CC TWA	LOD	COMMENIS
9/16/96 1 96EDM4382	IWA OBZ ABATE	VAT REMOVAL MIGUEL ROMON 857-09-0909	120	7:00 9:00	2.0	100	0.020 0.005	0.025	
9/16/96 2 96EDM4383	IWA OBZ. ABATE	VAT REMOVAL HERMON PANALLO 615-14-2287	90	10:00 11:30	2.0	14	0.038	0.028	OPFP
9/16/96 3 96EDM4384	IWA OBZ. ABATE	30 SECOND SAMPLE - FIELD				3			
9/16/96 4 96EDM4384B	BLANK	LAB. BLANK				100			
	,								

IWA = INSIDE WORK AREA, OWA = OUTSIDE WORK AREA, OBZ = OPERATOR BREATHING ZONE, LOD = LIMIT OF DETECTION, LOQ = LIMIT OF QUANTIFICATION UFP = UNDER LOADED FIBERS- MAY HAVE POSITIVE BIAS (F/MM<100), OFN = OVER LOADED FIBERS- MAY HAVE NEG. BIAS (F/MM>100)
OPN = OVER LOADED PARTICULATE - MAY HAVE NEG. BIAS, OPFP = OVER LOADED PARTICULATE AND FIBERS - MAY HAVE POS. BIAS.

BOE-C6-0079333

# EDM environmental data management

4B-8 VILLAGE LOOP ROAD, POMONA, CA 91766 PHONE: 909-865-7550

REPORT FOR CST, INC. JOB # 97-109A

WORK SITE: Mc DONNELD DOUGLAS, BLDG. # 37 - 2ND FLOOR

REPORT DATE: 9/19/96

P.O. # A 9708

		AIR SAMPLE	<b>ANALY</b>	SES: NI	OSH 7400	METHOD	)		
DATE TAKEN FIELD ID LAB. ID	SAMPLE AREA SAMPLE TYPE WORK IN PROGRESS	SAMPLE LOCATION FOR OBZ : NAME FOR OBZ : SS.	OBZ EXPO. TIME MIN.	START SAMPLE END SAMPLE	FLOW RATE LPM VOLUME (L)	FIBERS FIELDS	F/CC TWA	LOD	COMMENTS
9/16/96 1 96EDM4377	IV!A OBZ ABATE	FIRE PROOFING REMOVAL HECTOR COTA 523-95-7654	135	7:15 9:30	2.0 270	18	0.033	0.023	
9/16/96 2 96EDM4378	IWA OBZ. ABATE	FIRE PROOFING REMOVAL OSCAR VEGA 621-09-6574	150	7:30 10:00	300	22 100	0.036	0.022	OPFP
9/13/96 3 96EDM4379	IWA OBZ. ABATE	FIRE PROOFING REMOVAL FIDEL GARCIA 813-18-2818	120	12:00	2.0	16	0.033	0.025	
9/16/96 4 96EDM4380	IWA OBZ ABATE	DEMOLITION INSIDE CONTAINMENT ARMANDO HERNANDEZ 854-28-8053	100	9:45 11:25	2.0	13 100	0.032	0.027	
9/16/96 1 96EDM4381	IWA OBZ ABATE	30 SECONDS SAMPLE - FIELD				3			
9/16/96 2 96F DM4381B	BLANK	LAB. BLANK				100			
				·					

IWA = INSIDE WORK AREA, OWA = OUTSIDE WORK AREA, OBZ = OPERATOR BREATHING ZONE, LOD = LIMIT OF DETECTION, LOQ = LIMIT OF QUANTIFICATION UFP = UNDER LOADED FIBERS - MAY HAVE NEG. BIAS (F/MM>100) OPN = OVER LOADED PARTICULATE - MAY HAVE NEG. BIAS, OPFP = OVER LOADED PARTICULATE AND FIBERS - MAY HAVE POS. BIAS.

ANALYST:

OE-C6-0079334



### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

REPORT DATE: 09/18/96

SAMPLE(S) RECEIVED: 09/16/96

SAMPLE(S) TAKEN: 09/13/96

ECOLOGICS LABORATORY NO: 609073

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9698

NO. OF SAMPLE(S) ANALYZED: 4

ANALYSIS: METHOD:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Ramon, Miguel 657-09-0909	V.A.T. removal Bldg. #67 area #1	609073-01A	150	300	6.5	100	8.3	0.011	0.010
02 Velasco, Domingo 620-16-8653	V.A.T. removal Bldg. #67 area #1	609073-02A	120	240	4.5	100	<7.6 #2	<0.012	0.012
03	Field	609073-03A	BLANK	BLANK	o	100	0.0	N/A	N/A
04	Lot	609073-04A	BLANK	BLANK	0	100	0.0	N/A	N/A

LABORATORY MANAGER

Carlos Mangin Laboratory Analyst

#### NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

'Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\*> = greater than / < = less than

1/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

#2: Detection limit based on minimum fiber count.



### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806 McDonnell Douglas

**REPORT DATE: 09/18/96** 

SAMPLE(S) RECEIVED: 09/16/96

SAMPLE(S) TAKEN: 09/13/96

ECOLOGICS LABORATORY NO: 609072

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9698

NO. OF SAMPLE(S) ANALYZED: 5

ANALYSIS:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

METHOD:

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Sagastimo, Estebar 618-58-9007	Containment n demo Bldg #37 3rd fl	609072-01A oor	112	224	4	100	<7.6 #2	<0.013	0.013
02 lemandez, Armand 654-28-6053	Containment o demo Bidg #37 3rd fl	609072-02A oor	150	300	89	100	113.4	#8 0.145	0.010
03 Miranda, Oscar 636-45-5260	Containment preperation Bldg. #37 2nd floor	609072-03A	120	240	4.5	100	<7.6 #2	<0.012	0.012
04	Field	609072-04A	BLANK	BLANK	0	100	0.0	N/A	N/A
05	Lot	609072-05A	BLANK	BLANK	0	100	0.0	N/A	N/A

LABORATORY MANAGER

NOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\* > = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

2: Detection limit based on minimum fiber count.

#8: Heavy particulate loading may have obscured smaller fibers.

Carlos Mangin Laboratory Analyst C

Ecollogics Lehr Environmental Services and Training Institute

### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

McDonnell Douglas #37

Anaheim, CA 92806

REPORT DATE: 09/17/96

SAMPLE(S) RECEIVED: 09/13/96

SAMPLE(S) TAKEN: 09/12/96

ECOLOGICS LABORATORY NO: 609065

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9694

NO. OF SAMPLE(S) ANALYZED: 7

ANALYSIS:

WORK SITE:

METHOD:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE 'D NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Torres, Sergio 659-09-9834	Inside demo Bldg. #37 2nd floor	609065-01A	135	270	4	100	<7.6 #2	<0.011	0.011
02 <b>Padilla, Ant</b> onio <b>58</b> 5-26-0014	Fireproofing removal 2nd flo Bldg. #37	609065-02A or	150	300	2	100	<7.6 #2	<0.010	0.010
03 <b>Veg</b> a, Ruben <b>573-</b> 77-5733	Inside demo Bldg. #37 3rd floor	609065-03A	150	300	6	100	7.6	0.010	0.010
04	Neg air exhaust, south side work area	609065-04A	180	1800	3.5	100	<7.6 #2	<0.002	0.002
05	Excursion Bldg. #37 2nd floor	609065-05A	30	60	1.5	100	<7.6 #2 ·	<0.049	0.049
06	Field	609065-06A	BLANK	BLANK	1	100	1.3	N/A	N/A
07	Lot	609065-07A	BLANK	BLANK	0	100	0.0	N/A	N/A

'ABORATORY MANAGER

Carlos Mangin Laboratory Analyst

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\* > = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

2: Detection limit based on minimum fiber count.

Eco)logics Lehr Environmental Services and Training Institute

### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806 McDonnell Douglas #67 **REPORT DATE: 09/17/96** 

SAMPLE(S) RECEIVED: 09/13/96

**SAMPLE(S) TAKEN: 09/12/96** 

**ECOLOGICS LABORATORY NO: 609067** 

CLIENT PROJECT NO: 97-109A CLIENT PURCHASE ORDER NO: A9694

NO. OF SAMPLE(S) ANALYZED: 6

ANALYSIS: METHOD:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Portillo, Herman 615-14-2287	V.A.T removal Bldg. #67 area #1	609067-01A	105	210	5.5	100	<7.6 #2	<0.014	0.014
02 Torres, Manuel 604-26-9398	V.A.T removal Bldg. #67 area #1	609067-02A	120	240	1	100	<7.6 #2	<0.012	0.012
03	Neg. air exhaust outside containment	609067-03A	120	1200	2.5	100	<7.6 #2	<0.002	0.002
04	Excursion Bldg. #67 area #1	609067-04A	30	60	5.5	100	<7.6 #2	<0.049	0.049
05	Field	609067-05A	BLANK	BLANK	1	100	1.3	N/A	N/A
06	Lot	609067-06A	BLANK	BLANK	. 0	100	0.0	N/A	N/A

LABORATORY MANAGER

Carlos Mangin Laboratory Analyst

#### **₩OTE**:

<sup>\*</sup>Fibers smaller than 0.3 microns in diameter are not detected by PCM.

<sup>\*</sup> PCM relative standard deviations range from 40 percent at low fiber density

to 10 percent at high fiber density. Fibers/mm² = fibers per square millimeter.

<sup>\*</sup> Fibers/cc = fibers per cubic centimeter of air.

<sup>\*&</sup>gt; = greater than / < = less than

WA: Not applicable. Blank results reported as fiber density (f/mm²) only.

<sup>2:</sup> Detection limit based on minimum fiber count.



### Certificate of Analysis

DOHS CERTIFICATION NO. 1969

CLIENT:

**CST ENVIRONMENTAL** 

2100 E. Via Burton Street

Anaheim, CA 92806

McDonnell Douglas

**REPORT DATE: 09/13/96** 

SAMPLE(S) RECEIVED: 09/12/96

SAMPLE(S) TAKEN: 09/11/96

ECOLOGICS LABORATORY NO: 609055

CLIENT PROJECT NO: 97-109A

CLIENT PURCHASE ORDER NO: A9689

NO. OF SAMPLE(S) ANALYZED: 5

ANALYSIS: METHOD:

WORK SITE:

FIBERS (>5 MICRONS LONG) ON 25mm FILTERS

PCM (PHASE CONTRAST MICROSCOPY) NIOSH 7400 "A" COUNTING RULES & OSHA/EPA REFERENCE METHOD

CLIENT SAMPLE ID NUMBER	SAMPLE LOCATION	LAB SAMPLE ID NUMBER	SAMPLE TIME (MIN)	SAMPLE VOLUME (L)	FIBERS COUNTED	FIELDS COUNTED	FIBER DENSITY (F/MM^2)	FIBER CONCENTRATION	CALCULATED LOD (F/CC)
01 Vega, Oscar 621-09-6574	Below ceiling interior walls Bidg. 37 2nd floor	609055-01A	150	300	0	0	#17	N/A	N/A
02 Asis, Navarro 605-60-0487	Ceiling demo interior Bldg. 37 2nd floor	609055-02A	90	180	5	100	<7.6 #2	<0.016	0,016
03 Perez, Norman 683-86-8622	Below ceiling interior walls Bldg. 37 3rd floor	609055-03A	120	240	2.5	100	<7.6 #2	<0.012	0.012
04	Field	609055-04A	BLANK	BLANK	0	100	0.0	N/A	N/A
<b>0</b> 5	Lot	609055-05A	BLANK	BLANK	0	100	0.0	N/A	N/A

LABORATORY MANAGER

Laboratory Analyst

#### IOTE:

\* Fibers smaller than 0.3 microns in diameter are not detected by PCM.

\* PCM relative standard deviations range from 40 percent at low fiber density to 10 percent at high fiber density.

Fibers/mm² = fibers per square millimeter.

\* Fibers/cc = fibers per cubic centimeter of air.

\* > = greater than / < = less than

I/A: Not applicable. Blank results reported as fiber density (f/mm²) only.

2: Detection limit based on minimum fiber count.

#17: Sample not analyzed due to missing filter in cassette.

V

# **Waste Manifests**

#180

NO. 101438

# NON-HAZARDOUS WASTE DATA FORM

9/19/96

1	NAME MC DONNELL DOUGLAS REALTY JOB#97-109A I.D.	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ADDRESS 4060 LAKEWOOD BLVD., 6TH BTOOR PROFILE	· vier
ō	CITY, STATE, ZIP LONG BEACH, CA 90808	
<b>4</b>	PHONE NO. (310 627-3014	
里	CONTAINERS: No. BAGS Volume YARDS Weight	
山		
>	TYPE: TANK DUMP TRUCK TRUCK DRUM CARTONS * OTHER BOLLOFF/CUBE VAN	
8	WASTE DESCRIPTION NON-FRIABLE ASBESTOS GENERATING PROCESS REMOVAL	
TED	* COMPONENTS OF WASTE PPM % COMPONENTS OF WASTE PPM %	
iH .	5	
2	2 6	
ō	3 7 7	
О	8	
n	PROPERTIES: pH N/A X SOLID	
0	HANDLING INSTRUCTIONS: USE PROPER RESPIRATORY EQUIPMENT	
	THE GENERATOR CERTIFIES THAT THE	1
	WASTE AS DESCRIBED IS 100%  NON-HAZARDOUS.  TYPEDON PRINTED FULL NAME & SIGNATURE  DATE	<u></u>
77.00	PAT FOW / PITE PORTY	
H.	ADDRESS 2831/EAST/87TH/3TREET 1 MARKET PLAZA SERVICE ORDER NO. (1206%	
E S	CITY, STATE, ZIP LONG/ AFACE// CA/ AOSAS SAN FRANCISCO, CA 94105 UP DATE 11/5/96	
SPOR	PHONE NO. 8/0/682/AA00/ (800)576-3444	<u></u>
NS		,
HA.	TRUCK, UNIT, I.D. NO.  TYPED OR PRINTED FULL NAME & SIGNATURE  DATE	
	179 BIN 247 96-1642	
	NAME COPPER/MOUNTAIN/LANDFILL E C D C ENVIRON. EPA	7
	ADDRESS AVENDE/BAE/, COCNTE/ NOTE/ STREET 1111 W. HWY 123 DISPOSAL METHOD	<del>医</del> 坦
Ž	CITY,STATE,ZIP KELTÓK,/ W. ASASS// EAST CARBON, UT 84570 LANDFILL OTHER	
	PHONE NO. 52047824635 (800)444-4451	
AC	TYPED OR PRINTED FULL NAME & SIGNATURE DATE	
SD FAC	GEN OLD/NEW L A TONS Darin T. Olson, Factility Engr.	
S	TRANS S B	
1 2 4	C/Q HWDF DISCREPANCY	
]	NONE DISCREPANCY	

## NO. 101466

1		GLAS REALTY CO.	JOB# 97-109 1D	
1	ADDRESS 4060 LAKEWOOD	BLVD., 5TH FLOOR	PROFILE VALUE	Art of Thorn Court of Section 25 Section
O	CITY,STATE,ZIP LONG BEACH	, CA 90508	NO.	810 627-3014
NERA	CONTAINERS: No	CM	MARIOS	
BY GE	TYPE: TANK TRUCK	DUMP	CARTONS TOTHER ROT	LOFF/CURE YAN
1 27	WASTE DESCRIPTION NON-FRI	ABLE ASBESTOS	GENERATING PROCESS REMOVAL	<b>.</b>
1 2	COMPONENTS OF WASTE		COMPONENTS OF WASTE	PPM %
1	1		5	
ō	3.		7.	
U U	4.		<b>–</b> 8. <u> </u>	
0	PROPERTIES: pH SOLID	LIQUID SLL	DOGE SLUARY OTHER	
Ĕ	HANDLING INSTRUCTIONS: USE	PROPER RESPIRATOR	1 EQUIPMENT	DEKABO
	THE GENERATOR CERTIFIES THAT WASTE AS DESCRIBED IS	1 // . /	in Keynt	10-9-96
	NON-HAZARDOUS.	Y	FULL NAME & SIGNATURE	DATE
	NAME UNION PACIFIC TR ADDRESS 1860 LINCOLN	ANSPORTATION (	EPA I.D. NO.	
L			SERVICE ORDER NO.	5.0/
O.	CITY.STATE,ZIP DENVER,	CO 80295	PICK UP DATE	-9'-96
ISP	PHONE NO. 800-444-4451		day ( to black	H J
A.	TRUCK, UNIT, I.D. NO.	STEVE A	D FULL NAME & SIGNATURE	DATE
E	320	96-1642		
71 25 16	NAME ECDC ENVIRONME	NTAL	EPA L.D.	
	ADDRESS 1111 W. HWY	123	NO. 10. 20. 20. 20. 20. 20. 20. 20. 20. 20. 2	SPOSAL METHOD
<b>\</b>		BON, UT 84520	LANDFILL []	OTHER
	PHONE NO. 800-444-4451		han 10	112-96
AC		TYPED OF PRINT	EDFULL NAME & SIGNATURE Darin T. Olson, F	DATE acility Engr.
0.1	GEN OLD/NEW	L A TO	หรั	
TS.	TRANS	s B		` <u>`</u>
7 A Tang	C/Q	RT/CD HW	DF NONE DISCREPANCY	٦١,
	<u>                                     </u>			

## NO. 101467

100	NAME MC DO	NNELL DOUGLAS	REALTY CO.	CST J	OB# EPA	1.14		
	ADDRESS4	060 LAKEWOOD	BLVD., 6TH F	LOOR 97-10	NO.	a in the second of the second		or and
TOF	1	LONG BEACH,			NO.	10NE NO. ( 3)	0 627-3014	
NER	coı	NTAINERS: No		CII Volum	e <u>YA</u> R			
BYGE		TANK DUI					OFF/CUBE VAN	
O .	WASTE DESCRIPTI	onNON-FRIAE	BLE ASBESTOS	GENEF	ATING PROCESS	REMOVAL		
i i	СОМРО	NENTS OF WASTE	PPM		OMPONENTS OF WA		PPM %	
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25	2					·		
-0 -0	3. ———			<del></del> 7. <del></del>			<u>,                                     </u>	
	••				•			_
8	PROPERTIES: pl	H SOLID	] DIQUID []	SLUDGE [	SLUARY _ OTHE	ER		_
Ĭ	HANDLING INSTRU	CTIONS: USE PE	OPER RESPIRA	TORT ECOLPI	.TETA T	73/40 7	X. KAD.W	_
	WASTE AS D	OR CERTIFIES THAT THE		kp/g	lichi		10/09/90	0
	NON-HAZARDOL			RINTED FULL NAM	ME & SIGNATURE		DATE	
2	NAME UNIO	N PACIFIC TRA	INSPORTATION		EPA		。 第二章 第二章	國
H.		60 LINCOLN ST		`	NO. SERVICE	ORDER NO.		17.3
E	CITY STATE ZIP	DENVER, CO	30295		PICK UP (	***************************************	. /	_
PO	3	00-576-8444	B	·	TICK OF I	1		_
NS	PHONE NO.		_	Loon	a form		18-9.96	,
HA.	TRUCK, UNIT, I.E		TYPEDORP	RINTED FULL NAME	& SIGNATURE	17	DATE	_
	252		96-16	42_				
	NAME ECD	C ENVIRONMENT	AL	<del></del>	EPA T			53
	ADDRESS 11	11 W. HWY 123	3		1.D. NO.	DISPO	SAL METHOD	
_≥3	CITY,STATE,ZIP	EAST CARBON,	UT 84520	2		NDFILL OT		
1	PHONE NO8	00-444-4451		Mya			10-112-91	_
Z.			TYPED OR I	PRINTED FULL NAM	E & SIGNATURE		DATE	<u>'-  </u>
DFACIL	GEN	OLD/NEW	L A	TONS	Darin T. O	lson, Fac	ility Engr.	
TS	TRANS		S B					
	C/Q	·	RT/CD	HWDF NONE	DISCREPANCY			
1 1	l	I	L	L				- 1

5 47	NAME MC DONNELL I	OUGLAS REALTY CO	. CST JOE	# 1 <u>0.00</u>	
	ADDRESS 4060 LAKE	WOOD BLVD., 6TH	FLOOR	PROFILE	
TOT	CITY,STATE,ZIP LONG BE	ACH, CA 90808		NO.	ρ o27=3014
ENER	CONTAINERS: No		M Volume	40 YARDS Weight	. بند.
<b>9</b>	TYPE: TANK	96-1642			
ВУ	,	130 L		TONS COTHER ROLLOFF	CUBEVAN
O	WASTE DESCRIPTION NON-FR			TING PROCESS REMOVAL	
L	COMPONENTS OF WAS	re a PPM '		MPONENTS OF WASTE	PPM %
MA	2		6		
- O -	3	S- 200	7. —		
U	.4		8. <u></u>		
20.	PROPERTIES: pH SO	ID LIQUID	] SLUDGE 🔲 SI	LURRY   OTHER	
٤.,	HANDLING INSTRUCTIONS: USE	PROPER RESPIRATO	RY EQUIPMEN	T	
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	NON-HAZARDOUS.	· · · · · · · · · · · · · · · · · · ·	RINTED FULL NAME	& SIGNATURE	DATE
7.3	NAME UNION PACIFIC			EPA I.D.	
E	ADDRESS 1860 LINCOLN	ST. 3RD FLOOR		NO. SERVICÉ ORDER NO.	C119724
E	CITY,STATE,ZIPDENVER,	CO 80295		PICK UP DATE	11196
SP	PHONE NO. 300-576-844	.4	-7.4	i M	Pessio 16/11/26
V	TRUCK, UNIT, I.D. NO.	Thom	RINTED FULL NAME 8		DATE
H	170. 0000	ТРЕДОКР	HIN ED FULL NAME O	SIGNATURE	DATE
	NAME ECDC ENVRONMEN	ITAI.		EPA	
2 may 2 m	ADDRESS 1111 W. HWY 1			I.D. NO.	
- 22				— DISF	OSAL METHOD
E	CITY,STATE,ZIP EAST CAL	BON, UT 84520		Z LANDFILL C	OTHER
5	PHONE NO. 800-444-445	21		11/100 10	7-22-46
Ā,		<del></del>	PRINTED FULL NAME	Darin T. Olson, F	acili <b>yy</b> Engr.
SD FACIL	GEN OLD/NEW	L A	TONS		
<b>1.8</b>	TRANS	s <b>8</b>			rī
	C/Q ,	RT/CD	HWDF NONE	DISCREPANCY	

NON-HAZARDOUS WAS

		NAME MC DO	NNELL DOUGLAS	REALTY CO.	CST JOB #9	7-109k			
		4060	D LAKENOOD BL	VD., 6TH FLC	OR		11:311		TOTAL CONTRACTOR
	Ö	CITY STATE 7ID	LONG BEACH,	6A90908		PROFILE NO.			
	3				,		PHONE NO 610	627-3014	
	造	CON	ITAINERS: No. 1/1/	0206 CM	Volume	<u>, 4@</u> ≥	YARDSWeight	Carried Control	<del></del>
	E .		96-1	a Horizon		•••			E
	. X.C	TYPE:	TANK DUA	CK DAN DRU	IM □ CA	RTONS 🖺 C	THER RO	LLOFF/C	AN
	A	WASTE DESCRIPTK	NON-FRIABL	e asbestos	GENER	ATING PROCESS	REMOVAL		
		COMPO	NENTS OF WASTE	PPM		OMPONENTS OF V			
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,	E	-	<u> </u>		6				<del></del>
	<b>5</b>		,		-7. —			. ;	*
	B A	PROPERTIES: pl	- SOLID		SLUDGE :	SLURRY [ OT	HER 4		
	<b>O</b> ****	HANDLING INSTRUC	י שומנו י	ROPER RESPIRA	ATORY EQUIP	PMENT	<u> </u>	<u>:</u>	
٠			R CERTIFIES THAT THE ESCRIBED IS 100	P. S.	D. Lan	10. X	w ll	12/10/	91.
		NON-HAZARDOU	IS.	TYPED OR F	PRINTED FULL NAM	E & SIGNATURE	-j\w\\	DATE	<u>/v/ ·                                     </u>
	MA	NAME UNIO	N PACIFIC TRA	NSPORTATION		EPA I.D. NO.			E 4.5
	巴		D LINCOLN ST.			***	É ORDER NO	[11972]	/
	e e	CITY,STATE,ZIP _	DENVER, CO 8	0295		PICK U	P DATE	10/96	<u> </u>
1	SP	PHONE NO	0-576-3444	- 1			11	11	
	AN	TRUCK, UNIT, I.D	). NO.	Z <i>hojin</i>	RINTED FULL NAME	& SIGNATURE	Some	DATE	<u> </u>
		179-38	'L1)	25 311			/	0110 196	3
	200		ENVIRONMENTA	L		EPA I			
		ADDRESS1	111 W. HWY 12	3		NG.	DISP	OSAL METHOD	
	2	CITY,STATE,ZIP	EAST CARBON	, UT 84520	- Ac 1	<u></u> <u>X</u> .	_	THER	
		PHONE NO. 80	00-444-4451		SOLAO	2	10-	-22-91	
	AC	<u></u>	·	TYPED OR	PRINTED FULL NAME		. Olson, Fa	DATE/	r.
	<b>D</b> (3)	GEN	OLD/NEW	,L A	TONS		,,,,,,,, .	,	
İ	LS	TRANS		s 8					
	1,100	C/Q		RT/CD	HWDF NONE	DISCREPANC	Υ		
1				<del></del>					

NAME	TO DOM						NO.				
i . 1		LAKEWCOD					PROFILE				
CITY,STAT	E.ZIP	LONG BEA	CH, CA	90808			NO.	PHONE NO	310	527 <b>-</b> 30	14
*	CONT	AINERS: No.			CM	Volume					
TYPE:		TANK TRUCK								FF/CUBE	VAN
∰ WASTE DES	CRIPTION	NON-	FRIABLE	ASEES	STOS	GENERATING	PROCESS	REMO	VAL		
	COMPONE	NTS OF WASTE		PPM	%	COMPO	NEN IS OF V	WASIE			%
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THANDLING I	NSTRUCT	IONS:						<del>/</del>	<del></del>		
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THE GEN	NERATOR AS DE		T THE 100%	RICK	of Ric		Rich	n J	1	DATE	10/96
THE GEN WASTE NON-HA	NERATOR AS DE ZARDOUS UNION	CERTIFIES THA SCRIBED IS PACIFIC I	T THE 100%	PILL TYPED O	RIC DEPERINTED F	karn	Rich	in I	4	DATE	10/96
THE GEN WASTE NON-HA	NERATOR AS DE ZARDOUS UNION	CERTIFIES THA SCRIBED IS PACIFIC I	T THE 100%	PILL TYPED O	RIC DEPERINTED F	karn	IGNATURE EPA I.D. NO.		<b>1</b> 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	DATE	10/96
THE GEN WASTE NON-HAZ NAME	NERATOR AS DE ZARDOUS UNION 1860	CERTIFIES THA SCRIBED IS PACIFIC I	TAMSPOR ST. 3RD	TYPED C TATION FLOOR	RIC DEPERINTED F	karn	IGNATURE  EPA I.D. NO.  SERVICE	CE ORDER	NO.	DATE	10/96
THE GEN WASTE NON-HAZ NAME ADDRESS	NERATOR AS DE ZARDOUS UNION 1860 E,ZIP	PACIFIC I LINCOLN DENVER, C	TAMSPOR ST. 3RD	TYPED C TATION FLOOR	RIC DEPERINTED F	karn	IGNATURE  EPA I.D. NO.  SERVICE		NO.	DATE	10/96
THE GEN WASTE NON-HAZ  NAME ADDRESS CITY.STATI	UNION  1860  E.ZIP  300-	PACIFIC I LINCOLN DENVER, 0	TAMSPOR ST. 3RD	TYPED CREATION TATION FLOOR	PARINTED F	LATEN) ULL NAME & 9	IGNATURE  EPA 1.D. NO. SERVICE  PICK U	CE ORDER	NO	DATE	/ 22-0-3 6 23
THE GEN WASTE NON-HAZ NAME ADDRESS CITY.STATI	UNION  1860  E.ZIP  300-	PACIFIC I LINCOLN DENVER, 0	TAMSPOR ST. 3RD	PAUL PAUL	PARINTED F	LATEN ULL NAME & 9	IGNATURE  EPA I.O. NO. SERVIC	CE ORDER	NO	DATE	/ 22-0-3 6 23
THE GEN WASTE NON-HAA NAME ADDRESS CITY.STATI PHONE NO TRUCK, U	UNION  1860  E.ZIP SOU	PACIFIC I PACIFIC I LINCOLN DENVER, O	T THE 100%  RAMSPOR ST. 3RD	TYPED CORTATION FLOOR AUTOMATICAL	PARINTED F	LATEN) ULL NAME & 9	IGNATURE  EPA I.O. NO. SERVIC	CE ORDER	NO	DATE	/ 22-0-3 6 23
THE GEN WASTE NON-HAZ NAME ADDRESS CITY,STATI PHONE NO TRUCK, U	UNION  1860  E,ZIP  300-  UNIT, I.D.	PACIFIC I LINCOLN DENVER, C -576-8444	T THE 100%  TRAMSPOR ST. 3RD 20 90295	TYPED CORTATION FLOOR AUTOMATICAL	PARINTED F	LATEN ULL NAME & 9	IGNATURE  EPA I.O. NO. SERVIC	CE ORDER	NO	DATE	/ 22-0-3 6 23
THE GEN WASTE NON-HAZ NAME ADDRESS CITY,STATI PHONE NO TRUCK, U NAME	UNION  1860  E.ZIP  300-  UNIT, I.D.	PACIFIC I LINCOLN DENVER, C 576-6444 NO. 96-10 ECC 4	T THE 100%  RAMSPOR ST. 3RD  00 80295	TYPED CORTATION FLOOR AUTOMATICAL	PARINTED F	LATEN ULL NAME & 9	IGNATURE  EPA 1.D. NO.  SERVIC  PICK U	CE ORDER	NO	DATE	/ 22-0-3 6
THE GEN WASTE NON-HAA  NAME ADDRESS CITY,STATI PHONE NO TRUCK, U NAME	UNION  1860  E.ZIP  SOU-  INIT, I.D.  ECDC E	PACIFIC I LINCOLN DENVER, C 576-6444  NO. 96-16 ECCY/ ENVIRONMEN W. IIWY 1	T THE 100%  TRAMSPOR ST. 3RD 20 90295  773  TTAL 23	PAUL TYPED CO.	PARINTED F	LATEN ULL NAME & 9	IGNATURE  EPA I.D.  NO.  SERVICE  PICK U	CE ORDER	NO.	DATE	76
THE GEN WASTE NON-HAA  NAME ADDRESS CITY,STATI PHONE NO TRUCK, U NAME	UNION  1860  E.ZIP  SOO-  INIT, I.D.  ECDC E  1111	PACIFIC I LINCOLN DENVER, CO-576-6444  NO. 96-10 ECCY/ ENVIRONMEN W. HWY 1 EAST CARB	T THE 100%  RAMSPOR ST. 3RD CO 80295  773  TTAL 23  SON, UT	PAUL TYPED CO.	PARINTED F	LATEN ULL NAME & 9	IGNATURE  EPA I.D. NO. SERVICE  PICK U  ATURE  EPA I.D. NO.	CE ORDER	NO	DATE  DATE	76
THE GEN WASTE NON-HAA  NAME ADDRESS CITY.STATI PHONE NO TRUCK, U NAME ADDRESS	UNION  1860  E.ZIP  SOO-  INIT, I.D.  ECDC E  1111  TE,ZIP  800	PACIFIC I LINCOLN DENVER, C 576-6444  NO. 96-16 ECCY/ ENVIRONMEN W. IIWY 1	T THE 100%  RAMSPOR ST. 3RD CO 80295  773  TTAL 23  SON, UT	PAUL TYPED CO.	PARINTED F	LATEN ULL NAME & 9	IGNATURE  EPA I.D. NO. SERVICE  PICK U  ATURE  EPA I.D. NO.	CE ORDER	NO	DATE  DATE	76
THE GEN WASTE NON-HAA  NAME ADDRESS CITY,STATI PHONE NO TRUCK, U  NAME ADDRESS CITY,STATI	UNION  1860  E.ZIP  SOO-  INIT, I.D.  ECDC E  1111  TE,ZIP  800	PACIFIC I LINCOLN DENVER, CO-576-6444  NO. 96-10 ECCY/ ENVIRONMEN W. HWY 1 EAST CARB	T THE 100%  RAMSPOR ST. 3RD CO 80295  773  TTAL 23  SON, UT	PAUL TYPED COR STATION FLOOR TYPED S4520	PAY	LATEN  ULL NAME & S  LE 44  ALL NAME & S  ULL  IGNATURE  EPA I.D. NO. SERVICE  PICK U  MATURE  EPA I.D. NO.	CE ORDER	DISPOS	DATE  DATE  DATE  DATE	46	
THE GEN WASTE NON-HAA  NAME ADDRESS CITY,STATI PHONE NO TRUCK, U  NAME ADDRESS CITY,STATI	UNION  1860  E.ZIP  SOO-  INIT, I.D.  ECDC E  1111  TE,ZIP  800	PACIFIC I LINCOLN DENVER, CO-576-6444  NO. 96-10 ECCY/ ENVIRONMEN W. HWY 1 EAST CARB	T THE 100%  RAMSPOR ST. 3RD CO 80295  773  TTAL 23  SON, UT	PAUL TYPED COR STATION FLOOR TYPED S4520	PAY	LATEN  ULL NAME & S  LE 44  ALL NAME & S  ULL  IGNATURE  EPA 1.0. NO. SERVICE PICK U  MATURE	CE ORDER	DISPOS	DATE  DATE  DATE  DATE	46	
THE GEN WASTE NON-HAA ADDRESS CITY.STATI PHONE NO TRUCK, U ADDRESS CITY,STATI PHONE NO GEN	UNION  1860  E.ZIP  SOO-  INIT, I.D.  ECDC E  1111  TE,ZIP  800	PACIFIC I LINCOLN DENVER, C 576-6444 NO. 96-10 ECC 1 ENVIRONMEN W. IWY 1 EAST CARB	T THE 100%  RAMSPOR ST. 3RD  00 80295  772  773  TTAL  23  SON, UT	PAUL TYPED COR TATION FLOOR TYPED CO TYPED CO	DEPENDED F	LATEN  ULL NAME & S  LE 44  ALL NAME & S  ULL  IGNATURE  EPA I.D. NO. SERVICE  PICK U  MATURE  EPA I.D. NO.	CE ORDER	DISPOS	DATE  DATE  DATE  DATE	46	
THE GEN WASTE NON-HAA ADDRESS CITY,STATI PHONE NO TRUCK, U NAME ADDRESS CITY,STATI PHONE NO	UNION  1860  E.ZIP  SOO-  INIT, I.D.  ECDC E  1111  TE,ZIP  800	PACIFIC I LINCOLN DENVER, C 576-6444 NO. 96-10 ECC 1 ENVIRONMEN W. IWY 1 EAST CARB	T THE 100%  TRAMSPOR ST. 3RD  O 30295  O 30295  TTAL  23  SON, UT	PAUL TYPED C TATION FLOOR MADE TYPED C A	DEPENDED F	LATEN  ULL NAME & S  LE 44  ALL NAME & S  ULL  IGNATURE  EPA I.D. NO. SERVICE  PICK U  MATURE  EPA I.D. NO.	CE ORDER	DISPOS	DATE  DATE  DATE  DATE	46	

NO. 101474

# NON-HAZARDOUS WASTE DATA FORM

	NAME MC DONNELL DOUGLAS RI	EALTY CO CST JOB#97-	-109A EPA LD. NO.	
7	ADDRESS 4060 LAKEWOOD BLV	O., 6TH FLOOR	PROFILE	ĺ
ATO	CITY,STATE,ZIP LONG BEACH, CA	90808	PHONE NO. (310 627-3014	
NER	CONTAINERS: No.		YARDS Weight	
E S	,	ECCU 232 96-	- 1412	
ВХ	TYPE: TANK DUMP TRUCK	☐ DRUM ☐ CART	TONS TOTHER ROLLOFF/CUBE VAN	
O .	WASTE DESCRIPTION NCN-FRIABLE A		ING PROCESS REMOVAL	
Ш	COMPONENTS OF WASTE		PONENTS OF WASTE PPM %	
	2	,		
Ö	3	7		
Ш	4.	8		
en d	PROPERTIES: pH SOLID			
H.	HANDLING INSTRUCTIONS: USE PRO	TER RESPIRATORI EQUIP	A LE OO LA TO	
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100%	Rich Kicksky	0/2/6/10/16/16	
	NON-HAZARDOUS.	TYPED OF PAINTED FULL NAME	A SIGNATURE DATE	
Œ	NAME UNION PACIFIC TRANSI		I.D. NO.	•
	ADDRESS 1860 LINCOLN ST.		SERVICE ORDER NO. C 130/15	
Ö		25	PICK UP DATE 10/16/96	
NSI	PHONE NO800-576-8444	Tom PAC	TILLO TOM Porte - 18-16	Ç
HA:	TRUCK, UNIT, I.D. NO.	TYPED OR PRINTED FULL NAME &		٠.
	155/1236			
4.00	NAME ECDC ENVIRONMENTAL		EPA I.D.	
	ADDRESS 1111 W. HWY 123		NO.  DISPOSAL METHOD	
E	CITY,STATE,ZIP EAST CARBON,	UT 9520	X LANDFILL TOTHER	
5	PHONE NO. 300-444-4451	TYPED OR PRINTED FULL NAME &	10-31-96	
FACILI	GEN OLDANEW L		Darin T. Olson, Facility Engr.	
Q\$	ozemen	A TONS	·	
	TRANS			
	C/Q RT/	CD HWDF NONE	DISCREPANCY	

For the state of

## NO. 101475

	NAME MC DONNELL DOUGLAS REALTY CO. CST JOB#97-109A NO.	
	ADDRESS 4060 LAKEWOOD BLVD., 6TH FLOOR	
Ō	CITY,STATE,ZIP LONG BEACH, CA 90808	
	PHONE NO. 0310 627-30	)14
ij.	CONTAINERS: No. BAGS Volume YARD Sweight	
Ü.S	ECCU 386 96-1042	
BYC	TYPE: TANK DUMP.  TRUCK DRUM CARTONS TRUCK DRUM CARTONS TOTHER ROLLOFF/CUBE	VAN
Ω	NON-FRIABLE ASBESTO S  GENERATING PROCESS  REMOVAL	
H	COMPONENTS OF WASTE PPM % COMPONENTS OF WASTE PF	M %
Ш.	1 5	
A	祖 - 2 6 ——————————————————————	
ō	· 13 7 7 7	
О	اخار الاخار الاخار	
n i	PROPERTIES: PH SOLID LIQUID SLUDGE SLURRY OTHER	
0	HANDLING INSTRUCTIONS: USE PROPER RESPIRATORY EQUIPMENT	
H	THE GENERATOR CERTIFIES THAT THE	lu hi
	WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.  PRED OF PRINTED SHILL MAKE SIGNATURE	116 140
	NON-HAZARDOUS.  TYPED OF PRINTED FULL NAME & SIGNATURE UNION PACIFIC TRANSPORTATION  EPA	E Distriction
Œ	I.D. NO.	20.6
Щ	ADDRESS 1860 LINCOLN ST. 3RD FLOOR SERVICE ORDER NO. C120//	5
O C	CITY.STATE,ZIP DENVER, CO \$ 80295 PICK UP DATE 10/16-90	, <u> </u>
D.	800-576-8444	
Z	TOM CASTILLO, COM Costly A	1-16/94
Ē	TRUCK, UNIT J.D. NO.  TYPED OR PRINTED FULL NAME & SIGNATURE  DATE  155 1039	
		'
	NAME ECDC ENVIRONMENTAL EPA	
**************************************	ADDRESS 1111 W. HWY 123 DISPOSAL METHO	OD .
<b>&gt;</b>	CITY,STATE,ZIP ZAST CARBON, UT 84520	
	PHONE NO. 800-444-4451 () lor 10-31-96	
Ú,	TYPED OR PRINTED FULL NAME & SIGNATURE DA	
TSD FACILI	GEN OLD/NEW L A TONS Darin T. Olson, Facility En	ıgr.
12.	TRANS S B	
		:
	C/Q RT/CD HWDF	
1		

	NAME MCDO	NNELL DOX	14/PR	-12.20r	OM A EPA			
	ADDRESS 400	00 LAKEWI	WD BUD. 4	the Flower	PROFILE			
O.	CITY,STATE,ZIP	LONG BE	ALL, CA.9	[७४०४	NO.	PHONE NO. (\$13)	627 - 302	
NED	CONT	AINERS: No	BAYS	Volume	11			- <del></del>
BYGE	TYPE:	TANK I DUN TRUCK I TRU	MP . PCK DRU	JM 🗆 CA	RTONS 💢	THER POLL OF	ff Jarse	YAN
Ω.	WASTE DESCRIPTION	WON FRIDTH	x Assessor	ク GENER	ATING PROCESS	ZEV.	10VAL	
L Z		ENTS OF WASTE	PPM	% CC	OMPONENTS OF V	VASTE	PPM	%
	2							
ैंहैं	3. ———			7. <u></u>				
	4. ————			8. <u>-</u>	<del></del>			
O.								
F			WAEL RE		<b>J</b> . /	1 .		
	THE GENERATOR	CERTIFIES THAT TH SCRIBED IS 100	E Rely	Rickson	1 Jik	X Land	7	
	NON-HAZARDOUS	• •		PRINTED FULL NAM		7 7	DATE	
			TRANSP				1000	GEE
	36		<u>ज्ञाम अ</u>			E ORDER NO.		2002
O S			<u>, W. 8</u>	0295	PICK U	P DATE		··
SP	PHONE NO. <u>8</u> 20 -	576-3444	<u> </u>	-	- ,			
AN	TRUCK, UNIT, I.D.		73 1	PRINTED FULL NAME	A OKCUATI DE			
		61 111	11 2			և Ղ	DATE	
	NAME IZ D	96-16)	onmental		EPA E			<b>25.4.</b> 4.3.1
	ADDRESS	11 W. K	WY 123	<u>~</u>	I.D. NO.			
10.4			<del></del>			DICTO	CAL METROD	
<b>&gt;</b>		ring (	NO PLAN		<u>~~</u> `>>		SAL METHOD	
λLi	CITY,STATE,ZIP		CARBOA,	Wr. 345	- 520 XX	ANDFILL [] OTH		
VCILITY	CITY,STATE,ZIP	Eps (						196
FACILITY	CITY,STATE,ZIP			W1. 345	E & SIGNATURE		HER	196
ISD FACILITY	CITY,STATE,ZIP PHONE NO. 800 -	प्यपं प्र	TYPED OR F	PRINTED FULL NAME	E & SIGNATURE	ANDFILL [] OTH	HER	196
TSD FACILITY	CITY,STATE,ZIP PHONE NO. 800 -	प्यपं प्र	TYPED OR F	PRINTED FULL NAME	E & SIGNATURE	ANDFILL [] OTH	HER	196

	NAME MCDUNNELL DUNGLAZ JOBY97-101A T.D.
4	ADDRESS 4060 LAKEMUMO PLVD. WETUNE PROFILE
TOF	CITY, STATE, ZIP LUNG CZAH, CA. 70808 PHOPLE NO. BID 627-3024
ER	CONTAINERS: No. BASS Volume YARDS Weight
E E	TYPE: TANK DUMP
A B	TRUCK TRUCK DRUM CARTONS COTHER POWOTT COURSE VIN
8	WASTE DESCRIPTION NON- FUACHE ASPESSES GENERATING PROCESS ZEMOVILL
Ш	COMPONENTS OF WASTE
<u>a</u>	2 6
Ö	3. ———— 7. —————————————————————————————
Ш	8
o "	PROPERTIES: pH SOLID   LIQUID   SLUDGE   SLURRY   OTHER  HANDLING INSTRUCTIONS: USE PEOPER RESPONDED EQUAL PROPERTY
	1 / h /) ()
	WASTE AS DESCRIBED IS 100% KICKY PEKORO CULL KEET
	NON-HAZARDOUS.  TYPED ON PRINTED FULL NAME & SIGNATURE  NAME UN UN YAUTU TRANSLO OTTO PA
E S	ADDRESS 1360 LINUAN SI 320 FUM SERVICE ORDER NO. 4/160
)RT	CITY, STATE, ZIP DENNEY, CO 30295 PICK UP DATE 10-29-96
SPC	PHONE NO. 300-570-3444
NA.	TRUCK, UNIT, I.D. NO. 15-CUI TYPED OR PRINTED FULL NAME & SIGNATURE DATE
	ECC4-1920 96-1642
	NAME ELDC ENVIRONMENTAL EPA
	ADDRESS 1111 W. HWY 123 NO. DISPOSAL METHOD
<b> </b>	CITY, STATE, ZIP EAST CARLOON, WT. 34520 & LANDFILL TOTHER
)[L]	PHONE NO. 800- 444-4451 Day Tolson by KAN Ilour 1/100/91
FAC	TYPED OR PRINTED FULL NAME & SIGNATURE DATE / / T
OS.	GEN OLD/NEW L A TONS
	TRANS S B
1 25	C/Q RT/CD HWDF NONE DISCREPANCY
1. 1	l

12.7	NAME YNCUANNELL !					<b>43</b>
	ADDRESS 4060 LDY	enno ann	· tothe Flu	M		स्टब्स स्टब्स
TOF	CITY, STATE, ZIP LUNG C	W., CO. 20	<u> </u>	PROFILE NO.	BW 627 -3014	0
NER	CONTAINERS: No	BAYS	Volum	VINANA		<u>-</u>
BY GE		DUMP . TRUCK DRI	JM 🗆 CA	ARTONS XOTHER RUL	Loff/cuse YA	$\overline{N}$
TED	WASTE DESCRIPTION NON-FC COMPONENTS OF WASTE	IADLE ASSES	GENEF	NATING PROCESS	REVNOVAL PPM %	
MPLE	2	<u> </u>	5 6			<u> </u>
О	3		7. —			
ro Br	PROPERTIES: PH SOLI			SLURRY I OTHER	bment	_
	THE GENERATOR CERTIFIES THAT WASTE AS DESCRIBED IS	THE			<b>4</b> · · · · · · · · · · · · · · · · · · ·	
	NON-HAZARDOUS.	TYPED OR I	PRINTED FULL NAM	ME & SIGNATURE	DATE	
	NAME UNION PAUX			—— I.D. 1.2.		
U.	ADDRESS 1360 LIN			SERVICE ORDER NO	0.6120656	
e e	CITY, STATE, ZIP DENVEY	L, Co. 80	295	PICK UP PATE	0/2/19/	_
ISP	PHONE NO. (300) 576 - 3		- O 1		01	
AN	TRUCK, UNIT, I.D. NO.	,	PRINTED FULL NAME		DATE	-
F	155	Eccy	754-9	96-1642	10/3/196	
	NAME ECOU ENV	latusmy (co.)	<u> </u>	EPA I.D.		
44.0	ADDRESS	HWW 15		NO.	DISPOSAL METHOD	43
Ž	CITY,STATE,ZIP ENS	ARROWN, U	Y 345	ZO X LANDFILL	OTHER	
<u> </u>	PHONE NO. (300) 444 -4		1	Olso	11-12-96	
A	·	TYPED OR	PRINTED FULL NAM	_	DATE	
Q	GEN OLD/NEW	L A	TONS	Darin T. Olson	, FAcility Engr.	
12	TRANS	S B				İ
	C/Q	RT/CD	HWDF NONE	DISCREPANCY		

# NO. 101483 NON-HAZARDOUS WASTE DATA FORM

1		unell non					
144	ADDRESS 40	60 TUKEM	. מצובו טמ	CAT TON	NO.		
ATOF	CITY,STATE,ZIP	LONG (	BUL., CA.	<u>६८५०</u> १	PROFILE NO.	NENO. (31) (027 -	3014
NED.	CON	ITAINERS: No	BAGS	Volum	· YROS		
BYGE	i	TANK DU			ARTONS XOTHER	Roll off /cu	JE VAN
Ω	WASTE DESCRIPTION	NON-FRIDE	di Asbesi	O5 GENER	RATING PROCESS	REMOVAL	
1	1 .	NENTS OF WASTE	PPM	% C	OMPONENTS OF WAST	E PPM	%
	1			5			
- S	2			6. <u></u>	.,		
Ü	4						
0		· SOLID		_	SLURRY _ OTHER		<del></del>
10	HANDLING INSTRUC	CTIONS:	XE Peuper	2 RESPI	RATORY E	MUPMENT	
		R CERTIFIES THAT TO					:
	NON-HAZARDOU			PRINTED FULL NAI	ME & SIGNATURE	DATE	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		IN PALLFI		<del></del>	——————————————————————————————————————		57.EE
Ш	ADDRESS	1360 L	ncoln st	. 3m Fl	NO. SERVICE OF	IDER NO. 4306	-4
E.	CITY,STATE,ZIP _	DENVEL	, Co 80	295		E 15/31/91	
SP	PHONE NO.	) 576-84	44				
AN	TRUCK, UNIT, I.D		Thor	e Bhis	SIP Thom	- Cirester	
E		_	TYPED OR	PRINTED FULL NAME	& SIGNATURE	10/3/ATE	
100 April 1		Eccy 20			EPA F		
		UNS JA	HWY 12	3	I.D. NO.		01
3.4	ADDRESS	(11) 00.	1.44-0-1	اسر ۵۷٫۰۰۰		DISPOSAL METHOD	
E	CITY,STATE,ZIP	) 1243 14.44 (c	-DU-1701V , 1	wi 975	$\frac{20}{12}$	TILL OTHER	
5	PHONE NO.	) 444·T	TYPED OF	PRINTED FULL NAM	11) so	11-12-96	
SDFACILI	GEN	OLD WELL	L A	TONS		DATE son, Facility En	gr.
SD		OLD/NEW	S B	- 10113			
	TRANS		3				
	C/Q	•	RT/CD	HWDF	DISCREPANCY		

1	NAME MCDONNE							7
14 m	ADDRESS 4060	LAKEWOO	2 Bus. 1	oll Flur	PROFILI		en grande en verske kriteren. Stanton en verske kriteren en skriveren en skriveren en skriveren en skriveren en skriveren en skriveren en s	energy control
TOF	CITY,STATE,ZIP L	NG BULL,	, CA. 90	හිටුවු	NO.	e de la companya de la companya de la companya de la companya de la companya de la companya de la companya de La companya de la co	312 627-30	<b>建建</b>
NER	CONTAIN	IERS: No	BA	75 Volum	<u>yar</u>			<del></del>
BYG	TYPE: TAI	NK DUMP UCK TRUCK	. □ DRU				off/wee	VPV
TED	WASTE DESCRIPTION NO COMPONENT		PPM PPM		ATING PROCE	SS <u>REV</u> F WASTE	10VAL PPM	%
PLE	1			5				
S	3. ———			6. <u></u> 7				
BE	4. PROPERTIES: pH N	A rX sour		8	SILIBBY [	OTHER	<del></del>	
Õ	HANDLING INSTRUCTION						ENT	
	THE GENERATOR CE		Richar	Bekon	/ Rich	Nik.	0	
	NON-HAZARDOUS.		TYPED OR P	RINTED FULL NAM		RE /	DATE	
1	NAME UNION		TRANS	·				DV.
H	ADDRESS 134				SEF	IVICE ORDER NO	C120658	·/
Ö	CITY,STATE,ZIP		<u> </u>	1273	PICI	CUP DATE	1/5/96	11.161
NS	PHONE NO. (SW) 5	W-8444	Thomas	nos Bla	25115 7	Marc. 1	Blessin	115/96
HA.	TRUCK, UNIT, I.D. NO	i.	TYPED OR P	RINTED FULL NAME	& SIGNATURE	<del>y Origor</del>	DATE	
- 78	1551	79 N.	JLU3	00-113	96.	-1642	<del></del>	
	NAME ELDC	- ENVIR			——— EP. I.D NO	A STATE		101
	ADDRESS	<u> </u>	<del></del>		<del></del>		DISPOSAL METHOD	*********
È	CITY,STATE,ZIP		<u>, n</u>	7.845	$\frac{2\omega}{2}$	LANDFILL [	OTHER	
5	PHONE NO. (320)	444-4451	TYPED OR	PRINTED FULL NAME	Olsan E A SIGNATI ELE		-15-96	
¥.	GEN	OLD/NEW L	<del></del>	TONS	1	. Olson. F	acility Engr	
ISD ST	TRANS	s				, -		
	C/Q	A	T/CD	HWDF NONE	DISCREPA	NCY		
	<u>                                     </u>			NONE				

1	NAME M'DONNELL DOUGLAS KEALTH JUL 97-1094 ED.
	ADDRESS 40W LAKENWOO BLYD: 16th There PROFILE
Ö	CITY STATE ZIP LUNKI BUH. CA. 90803 NO.
4	PHONE NO. (512) 627 - 5014
当	CONTAINERS: No. DAGS Volume VAICS Weight
M.	
BYG	TYPE: TANK DUMP DRUM CARTONS & OTHER BUL OF CUBE VAN
ED	WASTE DESCRIPTION NON-FRIARE ASEESW- GENERATING PROCESS PEYWOLL
ETE	COMPONENTS OF WASTE PPM % COMPONENTS OF WASTE PPM %
	1 5
2	2 6
S	3 7 7
М Ш	PROPERTIES: pH N/A X SOLID  LIQUID  SLUDGE  SLURRY  OTHER
Ö	HANDLING INSTRUCTIONS: USE PEOPER RESPIRATION EQUIPMENT
	WASTE AS DESCRIBED IS 100% KILLY LIKERE ( FILLY FILLY)
	NON-HAZARDOUS.  TYPED OR PRINTED FULL NAME & SIGNATURE  DATE  NAME  SOUTH TALL VICTOR TO DAYS 060 TOT UT)  EPA
œ	I.D.
F	ADDRESS 1360 LINCOLN St. 300 Fluor SERVICE ORDER NO. 120656
SPOR	CITY, STATE, ZIP DENVEL, CO 80295 PICK UP DATE 11/5/96
SP	PHONE NO (300) 576-3444
AN	TRUCK, UNIT, I.D. NO. TYPED OR PRINTED FULL NAME & SIGNATURE DATE
	NAME ELDL ENVIONMENTAL EPA
-	NO.
2.2	DISPOSAL METHOD
E	CITY, STATE, ZIP EAST (ARSON, UT 34520 \$ LANDFILL TOTHER
5	PHONE NO (300) 444 - 4451 DOWN THE SONATURE DATE
A.	Darin T Olson Recility Franc
O.	GEDINE.
	TRANS S B
7.4	C/Q HWDF NONE DISCREPANCY
Ι.	

	NAME MILDONNELL DOUGLAS KEALTH JOBIT 97-109A EPA
14 (4)	ADDRESS 40(0) LAKEWOOD GUD, 6th Floor
ATOH	CITY, STATE, ZIP WNG BUN., CA. 90808 PROFILE NO. PHONE NO. BD) 627-3014
ENER	CONTAINERS: No. BAGS Volume YRDS Weight
BY G	TYPE: TANK DUMP. TRUCK TRUCK DRUM CARTONS & OTHER ROLL OF /CUSE VAV
E C	WASTE DESCRIPTION WN-FRAIBLE ASCESSOS GENERATING PROCESS REYDOVOL  COMPONENTS OF WASTE PPM % COMPONENTS OF WASTE PPM %
iii (	1 5 5
4	2 6
.ō	3 7 7
Ш	4. ————————————————————————————————————
<b>B</b>	PROPERTIES: pH WA SOLID   LIQUID   SLUDGE   SLURRY   OTHER
Ĕ	HANDLING INSTRUCTIONS: USE PROPER RESPIRATIONS EQUIPMENT
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% LICENTALIDAD / RICENTALIDAD
	NON-HAZARDOUS.  TYPED OR PRINTED FULL NAME & SIGNATURE.  DATE
ۇرىرىمىر يىشى ئ <b>ىسىدى</b>	NAME UNION PAUSIC TRANSPORTATION EPA
H. W	ADDRESS 1360 LINCOLN St., 320 FLOOR SERVICE ORDER NO. C/206; F
E	CITY.STATE,ZIP DENVEYZ, CO 80295 PICK UP DATE 11/5-191
SPC	(2007 571- RULL)
Z	Varian BLUSSIN For ( 1021 1) 5/96
E	TRUCK, UNIT, I.D. NO. TYPED OR PRINTED FULL NAME & SIGNATURE DATE
	179 Bin-300-018 96-1642
	NAME ELDCENTION BONMENTAL EPA 1.D. NO.
	ADDRESS UIII W. HWY 1273  DISPOSAL METHOD
Ž	CITY, STATE, ZIP EAST (AVLANO), UT 84520 X LANDFILL OTHER
	PHONE NO(300) 444 - 4451 MISO 11-15-96
AC.	TYPED OR PRINTED FULL NAME & SIGNATURE DATE  Darin T. Olson, Facility Engr.
	GEN OLD/NEW L A TONS DATH 1. OISON, FACILITY ENGY.
ST	TRANS S B
	C/Q HWDF DISCREPANCY
	NONE DISCREPANCY

	NAME MCDX	unell David	UAS KEAM	-۱۱-۱۱-۱۱	IDI A I.D. NO.	
â	ADDRESS 400	a LAKENICI	o BlvD. 6th	Tuby_	PROFILE PROFILE	
TO	CITY,STATE,ZIP	LUNG BEAL	1, CA. 9	ეგ03	NO.	2.00 627 -3014
ENER	cor	NTAINERS: No	CAG	. Volum		
BY.G	TYPE:	TANK DUM	JCK 🗆 DRU			AV 2500/ POLIC
ETED	1	ON <u>NON-FLIA</u> INENTS OF WASTE	PPM PPM		NATING PROCESS REY COMPONENTS OF WASTE	PPM %
Z S	2			6		
BECO	4. PROPERTIES: pi	H <u>WA X</u> SOLID		8	SLURRY _ OTHER	
Ţ	HANDLING INSTRU		NOTER PES		FSMANIEN	7
	WASTE AS D	DESCRIBED IS 100 JS.	TYPED OR	N H,		DATE DATE
<b>a</b>	NAME UN			DIRTAIDA	EPA I.D. NO.	N. 100
TER		MUNIA CON		Betw	SERVICE ORDER	NO. <u>C130667</u>
OR		DENVER,	<u>to. 8029</u>	15	PICK UP DATE	11/7/96
NSPO	PHONE NO (300	576-3444	- 11	121		11/7/9
HAI	TRUCK, UNIT, I.	D. NO.	TYPED OR F	PRINTED FULL NAME	& SIGNATURE	DATE
L	179	BINE	£300-03.	4 94	6-1642	
- 20 kg. - 12 42 43 - 13 55 55	NAME E	CDC EN	VIRNME	NTAL	EPA I.D.	
	ADDRESS	<u>IIII W.</u>	HWY 12	<u> </u>	NO.	DISPOSAL METHOD
Σ.	CITY,STATE,ZIP	EAST CA	REW, U	<u> 7. 845.</u>	20 X LANDFILL	OTHER
ACILI	PHONE NO			PRINTED FULL NAME	MALDON	11-18-96 DATE
T.	GEN	OLD/NEW	L A	TONS	Darin T. Olsor	, Facility Engr.
LS	TRANS	1	S B			· ·
	l .	1		<del> </del>	<del>!</del>	

	NAME MCDONUEL DOUGLAS, REATH OD DOUGLE FRA
	ADDRESS 4060 LAKENWO CHUD. CONTINE
ATOF	CITY, STATE, ZIP WHY BEACH, CA. 90808 PROFILE NO. BD) (27-3014
NER	CONTAINERS: No
BYGE	TYPE: TANK DUMP. TRUCK TRUCK DRUM CARTONS XOTHER POLITICAL VAN
ED	WASTE DESCRIPTION NON = FLIAGLE ASCESSIS GENERATING PROCESS PERMOVAL
i i	COMPONENTS OF WASTE PPM % COMPONENTS OF WASTE PPM %
Z D	2 6
ပ္ပ	3. ————————————————————————————————————
8	PROPERTIES: ph NA X SOLID LIQUID SLUDGE SLURRY OTHER
2	HANDLING INSTRUCTIONS: USE PROPER RESPIRATION CONFINENT
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100%
	NON-HAZARDOUS.  TYRED OF PRINTED FULL NAME & SIGNATURE  DATE
	NAME UNION PALTIC TROWSPORTED BY NO.
出	ADDRESS WOO UNCON St., 3- HUN SERVICE ORDER NO. C //9998
PO	CITY, STATE, ZIP DENVEY, CO 80295 PICK UP DATE 11-8-56
NSI	PHONE Nd 300) 576-8444  JESUS PEDILOTO 3
HA.	TRUCK, UNIT, I.D. NO. 63 -300 -111 TYPED OR PRINTED FULL NAME & SIGNATURE DATE
	96-1642
	NAME ECOC ENTRONMENTAL EPA
	ADDRESS DISPOSAL METHOD
E	CITY, STATE, ZIP EAST (ARBON, UT 84520 X LANDFILL OTHER
S.	TYPED OR PRINTED FULL NAME & SIGNATURE DATE
E C	GEN OLD/NEW L A TONS Darin T. Olson, Facility Engr.
TS.	TRANS S B
	C/Q RT/CD HWDF NONE DISCREPANCY
<u></u>	

1	NAMEY MYDON	hal Dave	las, leaty	CO. JOBY FIGA EPA
1	ADDRESS 40	60 LAKEWI	wo Hun?	6th Floor No
TOB	1		CA, CA. 90	DDOELE CONTRACTOR OF THE CONTR
NED.	CON	ITAINERS: No	BAE	, —————————————————————————————————————
BYGE	TYPE:	TANK DU	MP. JCK 🗌 DRU	UM CARTONS & OTHER POLL AS CUSE VAN
TED	1	ON TUSI	GLE ASDEST	
PLE	1			5
- <b>S</b>	3. ———			7
O. M.	4. PROPERTIES: pt	HN/A X SOLID	LIQUID [	8 SLUDGE SLURRY OTHER
E			<b>_</b> ' \	Spirosony Eaupment
		OR CERTIFIES THAT TI DESCRIBED IS 100	0%	4 - 4 m 11-5-96
W.17.2		174) 701		PRINTED FULL NAME & SIGNATURE DATE
H.	ADDRESS 13	& UNCOLA		SERVICE ORDER NO. C/19 798
e H	l	DENVEVL,		
SP	PHONE NO. (32	576-844	<u>\</u>	
AA.	TRUCK, UNIT, I.E	D. NO. 163-30	TYPEDORP	PRINTED FULL NAME & SIGNATURE DATE
				92-1642
	NAME	ELDC F	EVAILDEN	MICHATIC TIP
	ADDRESS	1111 W.	HAND I	DISPOSAL METHOD
È	CITY,STATE,ZIP	EAST CA	LEBON, W	LANDFILL OTHER
5	PHONE NO (30)	)444-445	TYPED ORI	APPRINTED FULL NAME ASISTRATURE Olson, Facility PATER.
F	GEN	OLD/NEW	L A	TONS TONS
Sp	TRANS	OLD/IVEW	S B	4
	C/Q /		RT/CD	HWDF
2		<u> </u>		NONE DISCREPANCY

	NAME MC D	ONNELL DOUGLE	AS REALTY CO.	CST JOB#	97-109ALD.			
44	ADDRESS 40	60 LAKEWOOD !	BLVD., STH FL	COR	PROFILE		THE COURT	
ATOR	CITY,STATE,ZIP _	LONG BEACH	, CA 90803		NO.	PHONE NO. (310	527-3014	
ENER	CON	TAINERS: No	BAGS	Volum	θ	YARDS Weight		
BY G	TYPE:	TANK DUM	MP. JCK ☐ DRU	JM 🗆 CA	RTONS X	OTHER ROLLOS	F/CUBE V	<u>и</u>
LETED		NON-FRIAB		% C0	OMPONENTS OF		PPM	%a
COMP	2 3			6			<del></del>	
u u	PROPERTIES: ph	I SOLID	☐ LIQUID [	SLUDGE	SLURRY 🗌 O	THER		7
	THE GENERATO	R CERTIFIES THAT THE	1E %	PRINTED FULL NAM			DATE	-
3 ( )	NAME UNIO	N PACIFIC TR		MINIED FOLL NAM	EPA		CATE AND	
H E	ADDRESS 1860	LINCOLN ST.	, 3RD FLOOR		I.D. NO. SERV	ICE ORDER NO	206TL	
POR	CITY,STATE,ZIP D	ENVER, CO 90	295		PICK !	UP DATE 1/1/2	1196	<del></del>
SN	PHONE NO. 300	4	Thomas	212/10	< < // /	- Joma L	Pine	ا ا
TRA		. NO.	TYPED OR F	PRINTED FULL NAME	& SIGNATURE	101	13 DATE	
34.8	ì	NV124		8-76-	1642 EPA			
	1	ENVIRONMENT. W. HWY 123	A.i.		I.D.			
<b>1</b>	CITY,STATE,ZIP		ON, UT 84520	,	<u>*</u>	LANDFILL OTH	ER	
ACILI	PHONE NO.	-444-4451	TYPED OR	Down PRINTED FULL NAME	E & SIGNATURE	11-12-9	DATE	
D F	GEN	OLD/NEW	L A	TONS	Darin T	. Olesop, Baci	llity Eng	r.
TS	TRANS		S B			•		
	C/Q		RT/CD	HWDF NONE	DISCREPANO	CY		

1	NAME MC DONNELL DO			7-109A I.D.		
	ADDRESS 4060	LAKEWOOD BLVD., 6	TH FLOOR			Colone and Shipping
TOR	CITY,STATE,ZIP LONG E			PROFILE NO.	AND (318 SEE	
NERA	CONTAINERS: No	В	AGS Volume_	YARDS	NO. <u>(310 627-301</u> Weight	4
BY GE	TYPE: TANK TRUCK	DUMP TRUCK DAG	JM 🗌 CAR	TONS Z OTHER_	ROLLOFF/CUBE	VAN
E .	WASTE DESCRIPTION NON-E			TING PROCESS		%
Ш	1		_			-
2	2		6			-
O O	3. ————		7. —			<del></del>
Ш	PROPERTIES: pHS	OLID LIQUID	8 SLUDGE [] SL	URRY - OTHER		· · · · · · · · · · · · · · · · · · ·
0		USE PROPER RESP				
	THE GENERATOR CERTIFIES	1 4 10	۸. / ۸		11-1-0	6
	WASTE AS DESCRIBED NON-HAZARDOUS		PRINTED FULL NAME	& SIGNATURE	DATE	<u> </u>
OE S	NAME UNION PACIFIC	TRANSPORTATION		EPA I.D.		2:016
当	ADDRESS 1860 LING	OLN ST. 3RD FLOC	OR .	***************************************	ER NO. <u>C1208</u>	3 <sup>2</sup> 7
O	CITY,STATE,ZIP DENVER,			PICK UP DATE	11/1/94	
SP	PHONE NO. 800-576-34	144	Rlun		p/	11/16
PA.	TRUCK, UNIT, I.D. NO.	TYPEDORI	PRINTED FULL NAME 8	SIGNATURE	DATE	11/1/2
	155 BIN	#382 - 96	-1642	2		
	NAME ECDC ENVIRO		<del></del>	EPA I.D. NO.		
	ADDRESS 1111 W. HWY	<i>!</i> 123		NO. 11.	DISPOSAL METHOD	ten respective to
È		ARBON, UT 84520		LANDFI	LL OTHER	
5	PHONE NO. 800-444-44	<u> </u>	PRINTED FULL NAME		-12-96 DATE	
D FACI	GEN OLD/NE		TONS		on, Facility Eng	gr.
SD		s B				
	TRANS		HWDF		. ~	
3	C/Q	RT/CD	NONE	DISCREPANCY		

	NAME MO	DONNEL GOUG	LAS REALTY CO	. CST JOE	#97-109 I.D.			
Œ	ADDRESS4	050 LAKEWOOD	BLVD., 6TH F	LOOR	PROFILE		a in the exercise of the exercise.	
ATO	CITY,STATE,ZIP _	LONG BEACH,	CA 90808		NO.	PHONE NO. 310)	527-3014	
NER	CON	NTAINERS: No	BAG	S Volum	e	ARDS Weight		
BYGE	<b>TYPE</b> :	TANK DU	MP. JCK 🗍 DRL	IM CA	ARTONS 🛣	OTHER <u>ROLLOF</u>	F/CUBE VAI	7
8	WASTE DESCRIPTI	ON NON-FR	IABLE ASBESTO	S GENER	ATING PROCESS	REMOVAL		
F			РРМ		OMPONENTS OF		PPM	%
	1.			5				
5	2			6				
ō	3. ———	···		7. <del></del>				
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00				Tellings []	embby	TUE0		
0		·.	USE PROPER	RESPIRATO	RY EQUIPME	INT		1.56
	HANDLING INSTRU		- 1 1 1 m					
	1 1	R CERTIFIES THAT TI DESCRIBED IS 100	1 11 . 1	$\setminus$ $\downarrow$	1, , -			
1.3	NON-HAZARDOL	JS.	- 4		ME & SIGNATURE		DATE	
يُوْد رِجَ	NAME UN	ION PACIFIC	TRANSPORTATIO	N _	EPA I.D.	是[2] 祭毛		3442
H	ADDRESS 1	860 LINCOLN	ST., 3RD FLOO	R	NO.	CE ORDER NO.	12062	7
E	CITY.STATE,ZIP _	DENVER, CO	80295		PICK L	IP DATE	2/96	
SP		0-575-8444				11	11/7	196
Ž	PHONE NO.		Thom	· Phi	(10~ Th	man Bl	estin	
<b>*</b>	TRUCK, UNIT, I.E	). NO.		RINTED FULL NAME			DATE	
	179	B,~ #36	(2	6-16	U2.			
		DC ENVIRONME	<del></del>		EPA			શેલ્સ્ટ્રેપ્ટ
- 1	ADDRESS1	111 W. HWY 1	23		1.D. <b>N</b> O.	DISPO	SAL METHOD	
>	CITY,STATE,ZIP	EAST CARB	ON, UT 84520		E	LANDFILL OTH	HER	
3	PHONE NO. 90	0-444-4451		/	70 Page -	11-1	2-91	
SD FACILI	PROME NO.		TYPED OR I	PRINTED FULL NAME	E & SIGNATURE		DATE DATE	
L,	GEN		L A	TONE	Darin T.	Olson, Fci	litv Engr.	}
C.		OLD/NEW		TONS		-	5	}
1	TRANS		S B					ļ
- 3	C/Q		RT/CD	HWDF				
				NONE	DISCREPANC	Y		

	NAME MC	DONNEL DOUGLA	S REALTY CO.	CST JOB#	97-109A I.D.			
1	ADDRESS 406	O LAKEWOOD B	LVD., 6TH FL	OBR	PROFILE		- Japan Paga Pagang	****
TO	CITY,STATE,ZIP	LONG BEACH,	CA 90808		NO.	PHONE NO. ( 3 1)0	627 2214	
NER	COI	NTAINERS: No		BAGS Volum	ne			
BYGE	TYPE:	TANK DUI	MP. JCK □ DR	пим 🗀 с	ARTONS _X	OTHER ROLLOF	F/CUBE VAN	1
O.	WASTE DESCRIPTI	ONNON-FRIA	BLE ASBESTOS	GENE	RATING PROCESS	REMOVAL		
		NENTS OF WASTE		% 0	COMPONENTS OF		РРМ	%
N.	2							
8	.3. ————			,, ,				
18	1 7	H □ SOLID̈́. (		SLUDGE		THER		
2	HANDLING INSTRU	CTIONS: USE	PROPER RESPI	RATORY EQU	IPMENT			
	WASTE AS D	OR CERTIFIES THAT TI DESCRIBED IS 100 JS	$ \mathcal{L} $	PRINTED FULL NA	D HA	yfield	10/29	196
		N PACIFIC TRA			EPA I.D.			134010
E E	ADDRESS 18	360 LINCOLN S	T. 3RD FLOO	3	NO.	CE ORDER NO	120628	
. O 3	ÇITY,STATE,ZIP	DENVER, CO 8	0295			JP DATE		
NSP	PHONE NO.	800-576-8444	_					71.S1
T.	TRUCK, UNIT, I.E	). NO.	i i rab un	PRINTED FULL NAME  SOUTH OF	Easimalune	n Cast	DATE	<u> </u>
192 194 20	NAME ECDO	ENVIRONMENT.	AL		EPA			
	ADDRESS	1111 и. нях/1	23/44/2		ECNO	This Doc	AL METHOD	
È	CITY,STATE,ZIP	EAST CARB	ON, UT 84520			ろうら LANDFILL 🗀 OTH	ER	
5	PHONE NO	800-444-4451		I DON'T DE LI LA MANA				
A.	GEN	OLD/NEW	L A	PRINTED FULL NAM	_	171	DATE	<i>i</i>
SD F	TRANS	OLDINEW	S B	1 18630	<u> </u>	Melan		96
	C/Q		RT/CD	HWDF		Olson, FAcil	ity Engr.	
				NONE	DISCREPANC	Y 		

	NAME MC DONNELL DOUGLAS REALTY CO. CST JOB#97-109A I.D.
	ADDRESS 4060 LAKEWOOD BLVD., 6TH FLOOR PROFILE
Ō	CITY, STATE, ZIP LONG BEACH, CA 90808  PHONE NO. B 10 6287-3014
Z E	CONTAINERS: NoBAGS Volume YARDS Weight
BYGE	TYPE: TANK DUMP TRUCK TRUCK DRUM CARTONS ZOTHER ROLLOFF/CUBE VAN
Q.	WASTE DESCRIPTION NON-FRIABLE ASBESTOS GENERATING PROCESS REMOVAL
<b>L</b>	COMPONENTS OF WASTE PPM % COMPONENTS OF WASTE PPM %
	1
	2 6
-8	3. ————————————————————————————————————
<b>1</b>	4. ————————————————————————————————————
<b>A</b>	PROPERTIES: pH @ SOLID
0	HANDLING INSTRUCTIONS: USE PROPER RESPIRATORY EQUIPMENT
	THE GENERATOR CERTIFIES THAT THE
	WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.  TOPENSO DESCRIBED IS 100% TOPENSO DESCRIBED IS 100%
3	THE ED OFF MINIEUR DATE
	NAME UNION PACIFIC TRANSPORTATION EPA I.D. NO.
Ш	ADDRESS 1860 LINCOLT ST., 3RD FLOOR SERVICE ORDER NO. (1806)
E 8	CITY, STATE, ZIP DENVER, CO 80295 PICK UP DATE 11/1/65
<u>a</u>	900-576-3444
2	The Blown Towns & State 9 11/1/21
¥.	TRUCK, UNIT, I.D. NO. TYPED OR PRINTED FULL NAME & SIGNATURE DATE
1	155 BIN 300-075 96-1642
3	NAME ECDC ENVIRONMENTAL EPA
	ADDRESS 1111 W. HWY 123
	TION CARROLL TWO CASES
L	
5	PHONE NO. 800-444-4451 0000 11-12-96
A.	TYPED OR PRINTED FULL NAME & SIGNATURE DATE Darin W. Olson, Facility Engr.
0	GEN OLD/NEW L A TONS
S	TRANS S B
150	BI/CD HWDF
	C/C NONE DISCREPANCY
1	

1	NAME MC	DONNELL DOUGL	AS REALTY CO	. CST JOB#	97-109ALD			
	ADDRESS	4050 LAKEWO	OD BLVD., 6T	H FLOOR	PROFILE		26.25	1997
ATOI	CITY,STATE,ZIP	LONG BEA	CH, CA 90808		NO.	PHONE NO. 310	527-3014	
Z H	co	NTAINERS: No		BAGS Volum	. <u>40</u>	YARDS Weight		
BYGE	TYPE: [	TANK DU	MP DR	UM CA	ARTONS 🏋	OTHER ROLLO	FF/CUBE VA	<u>N</u>
	WASTE DESCRIPT	ION_NON-FRIAB	LE ASBESTOS	GENER	IATING PROCES:	REMOVAL		
	СОМРО	ONENTS OF WASTE	PPM	% C0	OMPONENTS OF	WASTE	РРМ	%
	1			5				
Z	2							
Ö	3. ———			–				
Ш°	4. ————	H []·SOLID		0		THEO	· · · · · · · · · · · · · · · · · · ·	
O	i i	ICTIONS: USE		<del></del>				
	l		-, i.	HDDI INATON	T DAOTI-ID		. 1	<del></del>
0.1	1 1	OR CERTIFIES THAT T DESCRIBED IS 100	1 1 14 1	ر بها	1		11/-1	96
-	NON-HAZARDO	US. /	TYPED OR	PRINTED FULL NAM	NE & SIGNATURE		DATE	
33	NAME UNI	ON PACIFIC TR	ANSPORTATION		EPA I.D.	The second		三型岩
ii.	ADDRESS 186	O LINCOLN ST.	, 3RD FLOOR		NO. SERV	ICE ORDER NO.	12026	7
Œ.	CITY STATE ZIP	DENVER, CC 80	295			UP DATE	, ,	
P.	PHONE NO. 80		40		FICK	OF DATE		
Z	PHONE NO		- Shara	11 Phones	45 Sh	mu-B	letin 1	1/1/62
H.	TRUCK, UNIT, I.	D. NO.	TYPED OR	PRINTED FULL NAME	& SIGNATURE		DATE	
	سرسرر	B1~ 8/9	127 - 9	10-164	2			
- 6	1 -	C ENVIRONMENT			EPA			S. Cast
	ADDRESS 111	1 W. HWY 123			NO.	DISP	OSAL METHOD	
<b>\_</b>	CITY,STATE,ZIP	EAST CARE	ON, UT 84520		<b>K</b>	LANDFILL [] O	THER	
	PHONE NO. 80	0-444-4451		Dovso	~	11-17-9	î( .	
FACI			TYPED OR	PRINTED FULL NAME			DATE	
П.	GEN .	OLD/NEW	L A	TONS	Darin	r. Olson, F	acility En	gr.
S	TRANS	1	s B	1				
		1		LINES				
1.5	C/Q		RT/CD	HWDF NONE	DISCREPANO	CY	,	
1	l' - —————	- <del></del>						

全定	NAME MC DO	NNELL DOUGLAS	S REALTY CO.	CST JOB#	97-109AID			
	ADDRESS4	060 LAKEWOOD	BLVD., 6TH F	LCOR	PROFILE		en maggener	
TOT	CITY,STATE,ZIP _	LONG BEACE	, CA 90803		NO.	NE NO. (31D 5	27-3014	
NEB	CON	ITAINÉRS: No	P	AGS Volume	YARDS			
S.	TYPE: -	TANK DIN	MB		-		·	
) A	litre:	TANK — DUI TRUCK — TRU	JCK DRI	JM 🗆 CA	RTONS 3 OTHE	R_ROLLOFF/C	CUBE VAN	
E C	WASTE DESCRIPTK	ON_NCH-FRIA	BLE ASPESTOS	GENER	ATING PROCESS	EMOVAL		
<u> </u>		NENTS OF WASTE	РРМ	% . cc	DMPONENTS OF WAS1	Έ	PPM	%
4	2							
, S	3. ———			7. —				
TI W	4. ———				<del></del>	<del></del>		
B. C					SLURRY _ OTHER			
	,	R CERTIFIES THAT TI	OPER RESPIRAT		<b>.</b>	<i>i</i> /)		7
	WASTE AS D	ESCRIBED IS 100	Licky	Licksup,	Richer A	ickast	10/29/	196
	NAME UNION	PACIFIC GRAI	TYPED OR	PRINTED FULL NAW	EPA EPA		DATE	70/5
E.			N ST. 3RD FLO		I.D. NO.		20627	
H		DENVER, CO		<del></del>	SERVICE O	TE		<del></del>
) PO		00-576-8444						
AN	TRUCK, UNIT, I.D.		. 1/8		the "	m (AST)	6	
TH	460		TYPEDORI	PRINTED FULL NAME ENVIR d	MENTAL		DATE	
	NAME ECDC	ENVIRONMENTAL	ELLUZO	77 - 7	6-1642 EPA EPA		e verster tek	EGG CAR
		11 W. TWY 12			NO.			
<b>&gt;</b>	CITY,STATE,ZIP			.0		DISPOSAL  FILL   OTHER	METHOD	
5		800-444-4451	REON, UT 8452		2097/	4. 1	11-17-9	1/0
FACI	PHONE NO		TYPED OR	PRINTED FULL NAME	& SIGNATURE		DATE	
D.	GEN	OLD/NEW	L A	TONS	Darin T. 01	son, FAcil:	ity Engr.	•
S	TRANS		S B			•		į
	C/Q		RT.CD	HWDF NONE	DISCREPANCY			•
11								

	NAME MC DONNELL DOUGLA	SX REALTY CO.	CST JOB# 97-1092A	
00	ADDRESS 4060 LAKEWOOD BL	VD., 6TH FLOOR	PROFILE 4	
TO	CITY,STATE,ZIP LONG BEACH,	CA 90808	NO.	o. 810, 627–3014
NER	CONTAINERS: No	BAG	S Volume 30 YARDS	
BY.GI	TYPE: TANK DUM TRUCK TRUC	P. CK DRUM	CARTONS TOTHER	COLLOFF/CUBE VAN
Ω	WASTE DESCRIPTION NON-FRIAB	LE ASBESTOS	GENERATING PROCESS REMOV	'AL
H	COMPONENTS OF WASTE	PPM %	COMPONENTS OF WASTE	PPM %
	1		5	
4	,		6.	
3			_	
ုပ္ပံု	3.	<del></del>	7	
Ш	4. ———		<del></del> 8	
1	PROPERTIES: pH SOLID			
10	HANDLING INSTRUCTIONS: USE PRO	PER RESPIRATOR	Y EQUIPEMENT	
- 1	THE GENERATOR CERTIFIES THAT THE	2 / 1	i ta	1, 1, -1
	WASTE AS DESCRIBED IS 100%	9	M in	11-8-96
	NON-HAZARDOUS.	TYPED OR PRIN	TED FULL NAME & SIGNATURE	DATE
- 37	NAME UNION PACIFIC TRA	NSPORTATION	1.0.	
L X	ADDRESS 1860 LINCOLN ST	. 3RD BLOOR	NO.	NO. C/19798
- 2				
ō	CITY,STATE,ZIP DENVER, CO 8	0295	PICK UP DATE _	11-8-76
SP	PHONE NO. 800-576-8444	10		_
Z		JESUS 1	FEDRUZA LA	11-8-96
2	TRUCK, UNIT, I.D. NO. 63 - #	132 TYPED OR PRIN	TED FULL NAME & SIGNATURE	DATE
	300	.00	961642	
7 3 3 4	NAME ECDC ENVIRONMENTA		EPA PARA	
37			I.D. NO.	
7	ADDRESS 1111 W. HWY 12	.3		DISPOSAL METHOD
_ ≥	CITY,STATE,ZIP EST CARBON	, UT 84520	LANDFILL	OTHER
	PHONE NO. 800-444-4451		Moleon	11-18-96
O T		TYPED OR PRIN	ITED FULL NAME & SIGNATURE	DATE
SD FACI	GEN OLD/NEW	L A T	ons Darin T. Olson,	Facility Engr.
l B	, OLD/NEW	<u> </u>		
一片湯	TRANS	S B		•
176	C/Q	RT/CD H	WDF	
	0,0		NONE. DISCREPANCY	<i>-</i> -

	NAME MC DONNELL DOUGLAS REALTY CO. JOB#97-109A I.D.
	ADDRESS 4060 LAKEWOODELVD., 6TH BLOOR PROFILE
TO	CITY,STATE,ZIP LONG BEACH, CA 90808 NO. PHONE NO. (310 627-3014
NEH	CONTAINERS: No. BAGS Volume YARDS Weight
BYGE	TYPE: TANK DUMP TRUCK DRUM CARTONS X OTHER ROLLOFF/CURE VAN
Ω	WASTE DESCRIPTION NON-FRIABLE ASBESTOS GENERATING PROCESS REMOVAL
日湯	COMPONENTS OF WASTE PPM % COMPONENTS OF WASTE PPM %
L.	5
<u>a</u> .	2 6
3	
ပ	3. ————————————————————————————————————
Щ	4. ————————————————————————————————————
<u>m</u>	PROPERTIES: pH SOLID
1	HANDLING INSTRUCTIONS: USE PROPER RSPIRATORY EQUIPMENT
	THE GENERATOR CERTIFIES THAT THE
	WASTE AS DESCRIBED IS 100%
	NON-HAZARDOUS. TYPED OF PRINTED FULL NAME & SIGNATURE DATE
ñ.	NAMEUNION APACIFIC TRANSPORTATION EPA I.D. NO.
<u> </u>	ADDRESS 1860 LINCOLN ST., 3RD FLOOR SERVICE ORDER NO.
O.	CITY, STATE, ZIP DENVER, C O 90295 PICK UP DATE 11/13/96
O.	PHONE NO. 800-576-8444
N N	TRUCK, UNIT, I.D. NO.  DILC DO-11 S  TYPED OR PRINTED FULL NAME & SIGNATURE  DATE
1	
	BNU 1925- 96-1642
4	NAME ECDC ENVIRONMENTAL EPA I.D. NO.
1	ADDRESS 1111 W. HWY 123 DISPOSAL METHOD
È	CITY,STATE,ZIP EAST CARBON, UT 84520 X LANDFILL OTHER
	PHONE NO. 800-444-4451 ///
2	TYPED OFFINTED FULL NAME & SIGNATURE DATE
L	GEN OLD/NEW L A TONS Darin T. Olson, Facility Engr.
S	
	TRANS
	C/Q HWDF NONE DISCREPANCY
	l'

	NAME M	C DONNELL BØBER	Z DOUGLAS RI	EALTY CO. 9	6-109A I.D.		
2	ADDRESS	4060 LAKEWOOD B	LVD., 6TH FLO	OOR	PROFILE PROFILE		OF STATE STATE
TO	CITY,STATE,	ZIP LONG BEACH,	CA 90808		NO.	NE NO. (310 627-30	4
N		CONTAINERS: No		BAGS Volum	110	DS Weight	
BYGEN	TYPE:	TANK DU	MP DF	IUM CA	ARTONS XXXOTHE	R ROLLOFF/CUBE	VAN
Ω.	WASTE DESC	RIPTIONNON-FRI	ABLE ASBESTO	GENEP	ATING PROCESS	REMOVAL	
ETE		OMPONENTS OF WASTE		% CG	OMPONENTS OF WAST		
3	2			6		·	- <del></del>
ō	3			7. <u></u>			
Ш	4. ——			8. <u>-</u>			
, m	PROPERTIES:	pH SOLID	LIQUID	SLUDGE	SLUARY [ OTHER		
TC	HANDLING IN	STRUCTIONS USE P	ROPER RESPIRI	TORY EQUIP	MENT		
37		RATOR CERTIFIES THAT T	3 3			11-14	-96
. 1		AS DESCRIBED IS 100 RDOUS.	7 7 170	PRINTED FULL NA	ME & SIGNATURE	DATE	<del></del>
) . A	NAME UN	ION PACIFIC TRA			EPA I.D.		是一种
HH.	ADDRESS	1860 LINCOLN S	T., 3RD PLOO	3	NO.	RDER NO.	Tell Agrees
6	CITY,STATE,	ZIP DENVER. CO 91	0295		PICK UP DA	TE <u>11/14/96</u>	
SP	PHONE NO.	800-576-9444					. //
HAN	TRUCK, UN	IT, I.D. NO.		PRINTED FULL NAME		DATE	<u> /1/14/5</u> 6
	179		B12 7411	2282	96-164	2	
		ECDC ENVIRONMENT			EPA LD		
10.40	ADDRESS	1111 W. HWY 12	3		NO.	DISPOSAL METHOD	
È	CITY,STATE	ZIP EAST CARBON	, UT 84520		, XX LAND	FILL OTHER	
=	PHONE NO.	800-444-4451			Moon	11-23-90	<i></i>
A			TYPED OF	PRINTED FULL NAME	E & SIGNATURE	DATE	
SD FACI	GEN	OLD/NEW	L A	TONS	Darin T. 01	son, Facility En	gr.
S	TRANS		S B			•	
~~	r		,				

- 1	NAME MC DOWN	ELL DOUGLAS	REALTY CO.	JOB#97-1	09A I.D.		
1	ADDRESS 4060	LAKEWOOD B	LVD., 6TH FLO	OR	PROFILE		
101	CITY,STATE,ZIP	LONG BEACH,	CA 90808		NO.	PHONE NO. 6	10 627-3014
LEH	CONTA	NNERS: No.	BAGS	Volume	, YAI	RDS Weight	
BYGEN	TYPE:	TANK DUM TRUCK TRU	MP. JCK ☐ DRU	M ☐ CA	RTONS 🔭 (	OTHER_ROLL(	DFF/CUBE VAN
	WASTE DESCRIPTION			GENER	ATING PROCESS	REMOVAL	
F	COMPONE	NTS OF WASTE	PPM	% · CC	OMPONENTS OF	WASTE	PPM %
	1			5			
5	2			6. <u></u>		·/,,	
0	3			7. —			
*P-	4			a			
00	PROPERTIES: pH _			B SLUDGE □	SLURRY C	THER	
O				_			
	HANDLING INSTRUCT	IONS: USE P	- I /	TOKY EQUIP	- FIA.L	;	
33		CERTIFIES THAT TH SCRIBED IS 100	1 // .	14		11	15-01
	NON-HAZARDOUS			RINTED FULL NAM	E SIGNATURE		DATE
14.4	NAME UNION P	ACTRIC MOSK		· ····································	EPA		THE RELIGIONS OF
Œ					I.D. NO.		
ш.	ADDRESS 186	0 LINCOLN S	T., 3RD FLOOR	!		CE ORDER NO.	
C S	CITY,STATE,ZIP	DENVER. CO	90295		DIG:(1		11-1596
2.3					- PICK C	JP DATE	
<u>S</u>	PHONE NO. 800-	5/6-AA8444	- \cc	1600	an ( )		11.00
Z.	TRUCK, UNIT, I.D. I	NO. I FOU	7 2834	5 TEDNO		<u> </u>	= 11-15-74
E	1/2	- 1902	TYPEDORP	RINTED FULL NAME	& SIGNATURE		DATE
对推销	163	1756	196	-1647	7		
	NAME ECDC E	NVIRONMENTA	L	·	EPA		
4	ADDRESS 1:11	W. HWY 123			NO.		
				<del> </del>	<del></del>	DIS	SPOSAL METHOD
E	CITY,STATE,ZIP	EAST CARBON	, UT 83520		Y X	LANDFILL	OTHER
	PHONE NO. 800-	444-4451	· · · · ·		MAM	/	202-91
23			TYPEDORE	PRINTED FULL NAME			DATE
L	GEN	OLD/NEW	L A	TONS	Darin T	. Olson, H	Facility Engr.
S		nge mg mer e e e bru E E					
	TRANS	4	S B				
1	C/Q		RT/CD	HWDF	Dicarentin	v	
				NONE	DISCREPANC		
	PIK	EP.	10,50				
		Д	im		Appello a		

1	NAME MC DO	NNELL DOUGLA	REALTY CO.	JOB#97-	-109A EPA I.D. NO.	-		
	ADDRESS 40	60 KLAKEWOOD	BLVD., 6TH	FLOOR	PROFILE		TO THE STATE OF TH	
O.	CITY,STATE,ZIP _	LONG BEACH,	CA 90805		NO.	PHONE NO. 310)	627-3014	
Z E	CON	ITAINERS: No.		BAGS Volum	.30	YARDSveight _		
BYGE	TYPE:		ck 🗆 DA		ARTONS X	OTHER ROLLOFF	//CUBE VAN	1
G.	WASTE DESCRIPTION	ONNON-FRIA	BLE ASBESTOS	GENEF	RATING PROCES	sREMVAVA	L	
E		NENTS OF WASTE	РРМ	% C	OMPONENTS OF	WASTE	РРМ	%
NP	2. p. t. 19	715 AM		5				
0	a.			7. —	<del></del>			<del></del> _
8	PROPERTIES: pt	HSOLID	☐ LIQUID		SLURRY ] C	OTHER		
0	HANDLING INSTRUC	TIONS: USE P	COPER RESPIRA	ATORY EQUIP	MENT			
		R CERTIFIES THAT TH	1 1 1		1 /	1	1-17	a1
	NON-HAZARDOL	ESCRIBED IS 100 IS.		PRINTED FULL NAI	ME & SIGNATURE		DATE	40
O .	NAME UNION	PACIFIC TRAI	SPORTATION		EPA I.D.	A. A. A. A.		922
i i	ADDRESS 186	0 LINCOLN ST	, 3RD FLOOR	/	NO. SERV	ICE ORDER NO.		
Ö	CITY,SIATE,ZIP _	DENVER, CO 9	295		PICK	UP DATE	596	
NS	PHONE NO. <u>80</u>	0-576-8444	- 285	us 2501	1074 >	است الميا	11-15-	7/
Ē	TRUCK, UNIT, I.E	_	TYPEDOR	PRINTED FULL NAME	& SIGNATURE	,}	DATE	<del>/ • • • • • • • • • • • • • • • • • • •</del>
	165	300-06	3 96	-1642	<u> </u>			
		ENVIRONMENTAL			EPA			
	ADDRESS 11	11 W. WHY 12:	·		NO.	DISPO	SAL METHOD	<b>3</b> ,723.3
E	CITY,STATE,ZIP	EAST CAREO	N, UT 84520		<u> </u>	LANDFILL OT	HER	
C	PHONE NO. 8	00-444-4451	TYPED OR	PRINTED FULL NAM	A SYGNATI RE	12-1	12-96	
H.	GEN	0.0.05.	L A	TONS		lson, Facili	ty Engr.	
SO		OLD/NEW		10113		•		
	TRANS		S B					
	C/Q		RT/CD	HWDF NONE	DISCREPANO	CY		
<u> </u>								

1	NAME MC DO	NNELL DOUGLAS	REALTY CO.	JOB#97-	109A I.D.			
0	ADDRESS 40	60 LAKEWOOD B	LVD., 6TH FL	OOR	PROFILE			
Į.	CITY.STATE,ZIP	LONG BEACH, C	A 90808		NO.	ONE NO. (310	627-3014	
ENER	CON	TAINERS: No.	BAGS	Volume	YARDS		027-3014	
BY G	TYPE:	TANK J DUN	#P CK □ DRU	IM □ CA	RTONS 🍇 OTHE	R ROLLOFF	CUBE VAN	
D.	WASTE DESCRIPTION	ON_NON-FRIABL	E ASBESTOS	GENER	ATING PROCESS	K RZMOV	AL	
-			PPM		MPONENTS OF WAS		PPM	%
出版	1			5				
	2			6				
ō		<u> </u>		<del></del> 7				
ုပ္ႏ	<b>3</b> . ——— ——	·		-				
<b>D</b>	4.	SOLID		8	STUDBY OTHER			
O	PHOPERILES: pr	TIONS: USE PR	OPER RESPIRA	TORV EQUIP	SECHAT CIMER	\ 		
H	HANDLING INSTRUC	TIONS:		TORT DOTT.				
	1	R CERTIFIES THAT TH	1 1	1	<u>~</u>	11-1	7 - a	4
	WASTE AS D	ESCRIBED IS 100'		$\mathcal{N} = \mathcal{N}$	· ·		) 7 9	
				MINTED FULL NAM			DATE	
الشارة المراجعة	NAME UNION	PACIFIC TRANS	SPORTATION		EPA I.D. NO.			
Ш	ADDRESS 18	60 LINCOLN ST	., 3RD FLOOR		SERVICE C	RDFR NO		- WAT WATE
- 6			0005				12/01	-
O		DENVER, CO 9	10295		PICK UP DA	TE	12/76	
SN	PHONE NO. <u>80</u>	0-576-8444	- R.,, c	- Bor			11/13/9	·
. 3	TRUCK, UNIT, I.D	), NO.	<del></del>	PRINTED FULL NAME			DATE	<u></u>
<b>3 5</b>	A87	-	300-02	<b>)</b> .			DAIL	
大学		130	~	· 96-L	642	<del></del>		
		ENVIRONMENTAL			EPA I.D.			
	ADDRESS 11	11 W. HWY 123	<u> </u>		NO	DISPOS	AL METHOD	
<b>E</b>	CITY,STATE,ZIP	EAST CARBON,	UT 84520	A	X LAN	OFILL   OTH	ER	:
_ ⊒ :	PHONE NO. 8	00-444-4451	\	Meson		23-9	16	
S.			TYPED OR	PRINTED PULL NAME		<del></del> /	DATE	
L.	GEN	OLD/NEW	L A	TONS	Darin T. Ols	on, Facil:	ity Engr.	
· CE		OLDINEW			· Amaging a			
	TRANS		S B		×.•			
	C/Q		RT/CD	HWDF NONE	DISCREPANCY			
	1			<u> </u>				

		NAME MC DON	NELL DOUGLAS	REALTY CO.	JOB#97-10	09A 1.D. NO.			
	H. S	ADDRESS4	060 LAKEWOOD	BLVD., 6TH	FLOOR	PROFILE			*******
	<b>5</b>	CITY STATE ZIP	LONG BEACH, G	CA 90808		NO.			
	2						PHONE NO. 310		
	Д Z	CON	ITAINERS: No	BAC	S Volume_		YARDS Weight		
(	ц.) 5	TYPE:	TANK _ DU!	мР					
1	מ	<u> </u>	TRUCK TRU	JCK' DR	UM CART	TONS 🍇 C	THER ROLLO	FP/CUBE VAN	<del></del>
	E		ON_NON-FRIABI		GENERAT	TING PROCESS	REMOVAL		
	Д . Ц 2		NENTS OF WASTE			IPONENTS OF \		РРМ	%
	L L	i							
	S i	3. ———			7. —				
	Ö U	3							
1	Ď.	PROPERTIES: pH	. SOLID	LIQUID	4				
(	<b>)</b>	HANDLING INSTRUC	CTIONS: USE PI	ROPER RESPIRA	ATORY EQUIPME	ENT			
	少量		A CERTIFIES THAT TI	1 3	, ,,	//	12'	46	
		WASTE AS D	ESCRIBED IS 100 IS.	1 <u></u>	PRINTED FULL NAME	& SIGNATURE		DATE	
	100	NAME UNION	PACIFIC TRANS		<del></del>	EPA I.D.		To the same	74 E
- 1	<u>.</u>	ADDRESS 1	860 LINCOLN	ST., 3RD FLO	OR	NO.	CE ORDER NO.		
	Ξ.	CITY.STATE.ZIP	DENVER, CO 9	0295			IP DATE	1/13/96	
6	Ž		-576-8444					<del>, , , , , , , , , , , , , , , , , , , </del>	
	2	`		Du	c Sone	25		11/13	/3 <u>C</u>
	Ξ.	TRUCK, UNIT, I.D	), NO.	TYPED OR	PRINTED FULL NAME &	SIGNATURE		DATE	,
3	<b>**</b>		2047-	96-10	42				
1	3	NAME ECDC E	NVIRONMENTAL			EPA I.D. NO.			
		ADDRESS 11	11 W. HWY 12	3		<del></del>	DISP	OSAL METHOD	· March
			EAST CARBON	, UT 84520	27/	\$3\$	LANDFILL   O	THER	
	<b>⊒</b>	PHONE NO. 800	-444-4451	$ \bot$	llon		<u>/-23-&lt;</u>	16	
	٠.		<u>,</u>	TYPED OF	PRINTED FULL NAME &			DATE	
	<b>5</b> %	GEN	OLD/NEW	L A	TONS	erin T. (	Olson, Faci	Lity Engr.	
1	24	TRANS		S 8			•		
		C/Q		AT/CD	HWDF	DISCREPANC	Y		
		l	L	L					

12.4	NAME MC DO	NNELL DOUGLA	S REALTY CO.	JCB#	97-109A.D.			
1.5%	ADDRESS 40	60 LAKEWOOD	BLVD., 6TH \$7		110.		20 12 13 1	- SPATES AND
E		LONG BEACH	C3 30309.		PROFILE NO.			
	CITY,STATE,ZIP _	TONG BEACH	, CA 30000		50 f	PHONE NO. B10)	527-3014	
E			Ţ		-		32, 30,1	·········
Z	CON	ITAINERS: No.		Volume	, YAI	Weight	<del></del>	
III A		·						
	TYPE:	TANK TRUCK TRU	MP JCK ☐ DRU	🗆	prove ¥ or	nuen ROLLO	FF/CUBE	VAN
m i		THUCK - THU	CK   DHO	JM СА	HIONS & O	THEH TOULS		7
ED	WASTE DESCRIPTION	ON_NON-FRIAB	LE ASBESTOS	GENER	ATING PROCESS .	REMOVAL	·	
<b> </b>		·-····································		% C0	OMPONENTS OF W	ASTE	РРМ	%
	1 - 7 -	COO PM	<u> </u>	5				-
<b>A</b> (1)	2			6				***************************************
Ō	3			7. —				
.0								
<b>B</b>	PROPERTIES: pt	1 [ SOLID	☐ LIQUID [	SLUDGE ☐	SLURRY   OTH			
0	· · · · · · · · · · · · · · · · · · ·	CTIONS:US						<del></del>
			<del>,</del> }	Λ		. 1	1K)	
10.00		R CERTIFIES THAT THE ESCRIBED IS 100	11	1 <i>A</i> . <i>N</i>	11/11/1	-	-	96
	NON-HAZARDOL	IS.	TYPED OF F	RINTED FULL NAM	ME & SIGNATURE	<del></del>	DATE	<del></del>
18.4	NAME UNION	PACIFIC TRAN	SPORTATION	1	EPA S		11	C BOOK
E :	ADDRESS 18	60 LINCOLN S	T. 3RD FILOOR		NO.			
-					SERVIC	E ORDER NO/	10 16	
O \$	CITY,STATE,ZIP _	DENVER, CO 8	0233		PICK UF	DATE	1 11 5	· i
S.	PHONE NO. 900-	-575-8444	- \ 600	1600	of There	/	1-160 1	Z
Z	TRUCK HAUT LE	NO.163-19	71 Jr-43		<u> </u>			
Œ	, AUCK, DAII, I.L	0. NO. , E.S 1	TYPED OR F	PRINTED FULL NAME	& SIGNATURE		DATE	
								i
35.5	NAME ECDC	ENVIRONMENTA	L		EPA R			
1 104	ADDDESS 111	1 W. HWY 123			NO.		<b>"我们是</b>	
	ADDRESS	1 77 . 11071 123	,			DISPO	SAL METHOD	
E	CITY,STATE,ZIP	EAST CARBON,	UT 84520	<u></u>	🛣 🗠	ANDFILL   OTI	HER	
	PHONE NO8	00-44494451		100	1			_
5			TYPED OR	PRINTED FULL NAME	ASIGNATURE	lson, facil	() PATE	16
FACI	GEN	OLD/NEW	L A	TONS	UITIN L. U	ison, racil.	rcy chigh	• • • •
SO			s B	{				
	TRANS							
1	C/Q		RT/CD	HWDF NONE	DISCREPANCY			
	l	L		NONE	]			

2.2	NAME McDonnal Dauglas Realty Co. 100 100
0	ADDRESS 4060 LAKEWOOD Blvd. 6th Floor PROFILE
ō	CITY, STATE, ZIP Long Beach CA. 90808
6	PHONE NO. 310671-3014
Z.	CONTAINERS: No. 13 AGS Volume VArdSWeight
G.	TANK DUMP
A T	TYPE: TANK DUMP CARTONS & OTHER ROLL OF CUBE VAN
Ω	WASTE DESCRIPTION No. Friable Ashestos GENERATING PROCESS Removal
	COMPONENTS OF WASTE PPM % COMPONENTS OF WASTE PPM %
1	1 5
Ž	2
Ö	3.
M	PROPERTIES: pH \ SOLID   LIQUID   SLUDGE   SLURRY   OTHER
P	HANDLING INSTRUCTIONS: USE Proper Respiratory Equipment
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% HOMAS TAKUSHI
1.	NON-HAZARDOUS.  TYPED OR PRINTED FULL NAME & SIGNATURE  DATE
	NAME Union Pacific Transportation EPA
ii.	ADDRESS 1860 Lincoln St. 3rd Floor SERVICE ORDER NO.
e e	CITY, STATE, ZIP DENUC CO 80295 PICK UP DATE
<u>S</u>	PHONE NO. 500-576-8444
N X	TRUCK, UNIT, I.D. NO.  TYPED OR PRINTED FULL NAME & SIGNATURE  DATE  TYPED OR PRINTED FULL NAME & SIGNATURE  DATE
	Eccy 180-96-1642
2.0	NAME ECDC Environmental EPA
100	ADDRESS 1111 (W), 17401 173
>	1 24520
5	
Į Į	PHONE NO. 800.444.445)  TYPED OR PRINTED FULL NAME & SIGNATURE  DATE
II.	GEN OLD/NEW L A TONS Darin T. Olson, Facility Engr.
5	TRANS S B
,	BT/CD HWDF
	C/Q HWDF NONE DISCREPANCY

- 2	NAME MC DON	NELL DOGLAS	REALTY CO.	JOB#97-109A	EPA 3		
1	ADDRESS 406	0 LAKEWOOD BI	LVD., 6TH FLOCK	PR	OFILE		575
0	CITY,STATE,ZIP	LONG BEACH,	CA 90308		NO.	D. B10) 627-3014	
	CON	ITAINERS: No.	BAGS	Volume 25		Veight	
E.							
BYG	TYPE:	TANK DUN	MP UCK DRUM	CARTONS	X OTHER RO	LLOFF/CUBE VA	N
O N		ON NON-FRIABLE	E ASBESTOS	-		OVAL	
L.	COMPO	NENTS OF WASTE			TS OF WASTE	РРМ 	%
P	2						
ō.	3.					~	
U.	4.		<del></del>	8			
OB	PROPERTIES: ph	SOLID	الأوبَيْر ∐ □ S	LUDGE T SLURRY	OTHER		
Ĭ	HANDLING INSTRUC	CTIONS: USE	PROPER RESPIRA	TORY EQUIPMENT			
		A CERTIFIES THAT THE ESCRIBED IS 100		ZMI)	UHUH	11-20	2.96
1 723	NON-HAZARDOL	ic 5. 4.	~~	- 1 /1/1/- / /	<u> </u>		
3.50				ITED FULL NAME & SIGN		DATE	
H		PACIFIC TRA		TED FULL NAME & SIGN	EPA I.D. NO.	DATE	
TER	NAME UNION	PACIFIC TRA	NSPORTATION		EPA I.D. NO.	DATE	
ORTER	NAME UNION ADDRESS 18 CITY,STATE,ZIP	PACIFIC TRAI 60 LINCOLN S ENVER, CO 18	NSPORTATION		EPA I.D. NO. SERVICE ORDER	NO	
SPORTER	NAME UNION	PACIFIC TRAI 60 LINCOLN S ENVER, CO 18	NSPORTATION  T. 3RD FLOOR  0295		EPA I.D. NO. SERVICE ORDER PICK UP DATE	NO	
ANSPORTER	NAME UNION ADDRESS 18 CITY,STATE,ZIP	PACIFIC TRAI 60 LINCOLN S' ENVER, CO 98 0-576-8444	NSPORTATION  T. 3RD FLOOR  0295		EPA I.D. NO. SERVICE ORDER PICK UP DATE	NO	
TRANSPORTER	NAME UNION ADDRESS 18 CITY,STATE,ZIP D PHONE NO. 80	PACIFIC TRA 60 LINCOLN S ENVER, CO 18 0-576-8444	NSPORTATION  T. 3RD FLOOR  0295  Typed on Prin	TED FULL NAME & SIGNAT	EPA I.D. NO. SERVICE ORDER PICK UP DATE	NO	
TRANSPORTER	NAME UNION ADDRESS 18 CITY,STATE,ZIP D PHONE NO. 80 TRUCK, UNIT, I.D	PACIFIC TRA 60 LINCOLN S ENVER, CO 18 0-576-8444	NSPORTATION  T. 3RD PLOOR  0295  Lamina  Typed on Print  1111-200-	TED FULL NAME & SIGNAT	EPA I.D. NO. SERVICE ORDER PICK UP DATE	NO	
TRANSPORTER	NAME UNION ADDRESS 18 CITY,STATE,ZIP D PHONE NO. 80 TRUCK, UNIT, I.C.	PACIFIC TRAINED FOR THE PACIFI	NSPORTATION  T. 3RD FLOOR  0295  Cryped OR PRIN	TED FULL NAME & SIGNAT	EPA I.D. NO. SERVICE ORDER PICK UP DATE	NO	
TY	NAME UNION ADDRESS 18 CITY,STATE,ZIP D PHONE NO. 80 TRUCK, UNIT, I.C.	PACIFIC TRAINERS OF THE PACIFI	NSPORTATION  T. 3RD PLOOR  0295  Lamila  Typed on Print  1/1 / 1 / 2 / 0 / -	TED FULL NAME & SIGNAT	EPA I.D. NO. SERVICE ORDER PICK UP DATE  URE  9 6 - 10  EPA I.D.	NO	
CILITY	NAME UNION ADDRESS 18 CITY,STATE,ZIP D PHONE NO. 80 TRUCK, UNIT, I.D NAME ECDC ADDRESS 111 CITY,STATE,ZIP	PACIFIC TRAINED PACIFIC TRAINE	NSPORTATION  T. 3RD FLOOR  0295  Arredor Print  1/L/-2/0/-  L  , UT 84520	TED FULL NAME & SIGNAT	EPA I.D. NO.  SERVICE ORDER  PICK UP DATE  URE  90 - 10  EPA I.D. NO.  LANDFILL  LANDFILL	NO.  11.22- DATE  42  DISPOSAL METHOD	
FACILITY	NAME UNION ADDRESS 18 CITY,STATE,ZIP D PHONE NO. 80 TRUCK, UNIT, I.D NAME ECDC ADDRESS 111 CITY,STATE,ZIP	PACIFIC TRAINED PACIFIC TRAINE	NSPORTATION  T. 3RD FLOOR  0295  CYPEDOR PRINT  // // - 2 U U =  L  , UT 84520  TYPEDOR PRINT	TED FULL NAME & SIGNAT	EPA I.D.  SERVICE ORDER  PICK UP DATE  URE  9 6 - 16  EPA I.D.  NO.  LANDFILL  LANDFILL  LANDFILL  LANDFILL  LANDFILL	NO.  11.22- DATE  42  DISPOSAL METHOD	16 5-96
TSD FACILITY THE STORY OF THE S	NAME UNION ADDRESS 18 CITY,STATE,ZIP D PHONE NO. 80 TRUCK, UNIT, I.D NAME ECDC ADDRESS 111 CITY,STATE,ZIP PHONE NO. 8	PACIFIC TRAINED PACIFIC TRAINE	NSPORTATION  T. 3RD FLOOR  0295  CYPEDOR PRINT  // // - 2 U U =  L  , UT 84520  TYPEDOR PRINT	TED FULL NAME & SIGNAT	EPA I.D.  SERVICE ORDER  PICK UP DATE  URE  9 6 - 16  EPA I.D.  NO.  LANDFILL  LANDFILL  LANDFILL  LANDFILL  LANDFILL	DISPOSAL METHOD OTHER	16 5-96
TSD FACILITY. STEPANSPORTER	NAME UNION ADDRESS 18 CITY,STATE.ZIP D PHONE NO. 80 TRUCK, UNIT, I.D  NAME ECDC ADDRESS 111 CITY,STATE.ZIP PHONE NO. 8	PACIFIC TRAINED PACIFIC TRAINE	NSPORTATION  T. 3RD PLOOR  0295  TYPED OR PRINT  I. UT 84520  TYPED OR PRINT  L A T  S B!	TED FULL NAME & SIGNAT	EPA I.D.  SERVICE ORDER  PICK UP DATE  URE  9 6 - 16  EPA I.D.  NO.  LANDFILL  LANDFILL  LANDFILL  LANDFILL  LANDFILL	DISPOSAL METHOD OTHER	16 5-96

	NAME MC DONNELL DOUGLAS REALTY CO. JOB#97-109A I.D.
000	ADDRESS 4060 LAKEWOOD BLVD., 6TH FLOOR
O.	CITY, STATE, ZIP LONG BEACH, CA 90808 PHONE NO. 310, 627-3014
E E	CONTAINERS: No. BAGS Volume 25 YARDSWeight
BYGE	TYPE: TANK DUMP TRUCK DRUM CARTONS X OTHER ROLLOFF/CUBE VAN
Ω	WASTE DESCRIPTION NON-FRIABLE ASBESTOS GENERATING PROCESS REMOVAL
	COMPONENTS OF WASTE
0	26
5	3. ————————————————————————————————————
	8
0	PROPERTIES: pH SOLID LIQUID SLUDGE SLURRY OTHER
0	HANDLING INSTRUCTIONS: USE PROPER RESPIRATORY EQUIPMENT
	THE GENERATOR CERTIFIES THAT THE
	WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.  TOTAL OF THE NAME OF THE PROPERTY OF THE NAME OF THE PROPERTY OF THE NAME OF THE PROPERTY OF THE NAME OF THE PROPERTY OF THE NAME OF THE PROPERTY O
1.5	TYPED ON PRINTED FULL NAME'S SIGNATURE DATE
<b>C</b>	NAME UNION PACIFIC TRANSPORTATION EPA I.D. NO.
一世	ADDRESS 1860 LINCOLN ST. 3RD FLOOR SERVICE ORDER NO.
e G	CITY.STATE.ZIP DENVER, CO 80295 PICK UP DATE
SP	PHONE NO
Z	And Indian 11-22.46
E	TRUCK, UNIT, I.D. NO. TYPED OR PRINTED FULL NAME & SIGNATURE DATE
	96-1642 NULLY 200-177
	NAME ECDC ENVIRONMENTAL EPA
	ADDRESS 1111 W. HWY 123 NO. DISPOSAL METHOD
7	CITY,STATE,ZIP EAST CARBON, UT 84520 X LANDFILL OTHER
5	PHONE NO. 800-444-4451 Javin Alon by Kern Skun 12-6-96
<b>₹</b>	TYPED OR PRINTED FULL NAME & SIGNATURE DATE  Darin T. Olson, Facility Engr.
D FACI	GEN OLD/NEW L A TONS
S	TRANS S B
	C/Q HWDF NONE DISCREPANCY
	1

	NAME MC DO	NNELL DOUGLA	S REALTY CO.	JOB#9 <b>5</b> -	109A I.D.			
*	ADDRESS 406	0 LAKEWOOD B	LVD., 6TH FLO	PROFILE		en en en en en en en en en en en en en e		
Ō	CITY,STATE,ZIP	LONG BEACH,	CA 90808		NO.		In the second while	
2	_		-		_	PHONE NO. <u>810</u>		
N	CON	ITAINERS: No	BAGS	Volume	, 25	YARDS Weight		
GE	TYPE:	TANK DU						
ω,	_	TRUCK TRU	JCK 🗍 DRU	IM CA	RTONS K	OTHER ROLLOF	F/CUBE VAN	<del></del>
CD.	WASTE DESCRIPTION	ON_NON-FRIAB	LE ASBESTOS	GENER	ATING PROCES	s REMOVAL		
	COMPO	NENTS OF WASTE	PPM		OMPONENTS OF	WASTE	PPM	%
1	1.			5	· · · · · · · · · · · · · · · · · · ·			
S a				7. —				
LO:	4							_
m ·	PROPERTIES: ph	- SOLID	☐ rianib (	SLUDGE :	SLURRY 🗌	OTHER /		
P -	HANDLING INSTRUC	CTIONS: USE	PROPER RESPI	RATORY BOU	IPEMENT	/_//		
		A CERTIFIES THAT THE		els l	1/1	ILIU	11.7	96
	NON-HAZARDOL	ESCRIBED IS 100 IS.		PRINTED FULL NAM	ME & SIGNATUR	E .	DATE	10
1	NAME UNION	PACIFIC TRAN	SPORTATION		EPA I.D.			7.00
世。	ADDRESS 1860	LINCOLN ST.	, 3RD FLOOR		NO. SER	VICE ORDER NO	7122193	2
5	CITY.STATE,ZIP _	DENVER, CO 8	0295			ÚP DATE	125/96	
Q	PHONE NO 800	0-576-8444				M	1	, ,
ANS	TRUCK, UNIT, I.E		Thom	NS BHIS	5/15 /	Kember	Pessie 14	25/52
TR				PRINTED FULL NAME			DATE	
	179			300-040	EPA	A CONTRACTOR OF CORPOR		
1		ENVIRONMENTAL			I.D. NO.			
124	ADDRESS 111	1 W. HWY 123			<del></del>	DISP	OSAL METHOD	\
È	CITY,STATE,ZIP	EAST CARBON	, UT 84520	62 //	<u> </u>	LANDFILL [] O	THER	
5	PHONE NO. 8	00-444-4451		Do		12-7	-90	
₹.	l'acu	r	<del></del>	PRINTED FULL NAME		.Olsonm.Fac	ility Engr	•
Sp. FACILI	GEN	OLD/NEW	L A	TONS		·	, 5-	
15.	TRANS		S B			•		
1	C/Q		RT/CD	HWDF NONE	DISCREPAN	CY		
	L	L	<u></u>	<u> </u>	1			

Me alle

	NAME MC DONNELL DOUGLAS	REALTY CO. JO	DB#97-109A I.D.		
00	ADDRESS 4050 LAKEWOOD BI	VD 6TH FLOOR	PROFILE		
O.	CITY.STATE.ZIP LONG BEACH,	CA 90808	NO.	PHONE NO. 010 62	7-3014
NEA	CONTAINERS: No	BAGS	Volume 40 Y	ARDS Weight	
BYGE	TYPE: TANK DL TRUCK TR	UMP	☐ CARTONS 🐣	OTHER ROLLOFF/CU	JBE VAN
0	WASTE DESCRIPTION NON-FRIAD	BLE ASBESTOS	GENERATING PROCES	s REMOVAL	
1	COMPONENTS OF WASTE				PPM %
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7	2		- 6		
Ö	3. ———————		<del>-</del> 7. <del></del>		·· ·
m a	PROPERTIES: pH SOLID		— 8. <u> </u>	NTUED -	
0	HANDLING INSTRUCTIONS: USE	<del>-</del>	,		
	<del></del>	<del></del>	The Egglifficht		
	THE GENERATOR CERTIFIES THAT T WASTE AS DESCRIBED IS 10	· / //	I WILL	//-	-25-76
	NON-HAZARDOUS.	TYPED OR PRINT	ED FULL NAME & SIGNATURI		DATE
	NAME UNION PACIFIC R	TRANSPORTATION	EPA I.D.	A. H. H.	
山	ADDRESS 1860 LINCOLN	ST., 3RD FLOOR	NO. SER	VICE ORDER NO. C/2	2/53
e e	CITY.STATE.ZIP DENVER, CO	80295	PICK	UP DATE 1/25	196
SP	PHONE NO. 800-576-8444	_ /			
			101		' //
Š	TRUCK, UNIT, I.D. NO.		TO FULL NAME & SIGNATURE	mo Bloss	5 11/27/56 DATE
THA		TYPED OR PRINTE	ED FULL NAME & SIGNATURE	mo Bloss	DATE
THAI	179	TYPED OR PRINTE	ED FULL NAME & SIGNATURE	-96-16	
THA		TYPED OR PRINTE	ED FULL NAME & SIGNATURE		47_
MEN	NAME ECDC ENVIRONMENT ADDRESS 1111 W. HWY 123	TYPED OR PRINTE PIN SKALL SCO TAL	ED FULL NAME & SIGNATURE  N V 295246  EPA I.D. NO.	DISPOSAL A LANDFILL □ OTHER	47_
LITY	NAME ECDC ENVIRONMENT ADDRESS 1111 W. HWY 123 CITY,STATE,ZIP EAST CARBON,	TYPED OR PRINTE PIN SKALL SCO TAL	ED FULL NAME & SIGNATURE  N V 295246  EPA I.D. NO.	DISPOSAL N	47_
ACILITY TENAN	NAME ECDC ENVIRONMENT ADDRESS 1111 W. HWY 123	TYPED OR PRINTE PIN SEA CO TAL UT 84520	ED FULL NAME & SIGNATURE  N V 295246  EPA I.D. NO.	DISPOSAL N	47_
FACILITY	NAME ECDC ENVIRONMENT ADDRESS 1111 W. HWY 123 CITY,STATE,ZIP EAST CARBON,	TYPED OR PRINTE PIN SEA CO TAL UT 84520	EPAUL NAME & SIGNATURE  A V 295246  EPA I.D. NO.  XI  ED FULL NAME & SIGNATURE	DISPOSAL N	47_ METHOD 7-96 DATE
TSD FACILITY TENT	NAME ECDC ENTIRONMENT ADDRESS 1111 W. HWY 123 CITY,STATE,ZIP EAST CARBON, PHONE NO. 800-444-4451	TYPED OR PRINTE  UT 84520  TYPED OR PRINTE	EPAUL NAME & SIGNATURE  A V 295246  EPA I.D. NO.  XI  ED FULL NAME & SIGNATURE	DISPOSAL A  LANDFILL  OTHER	47_ METHOD 7-96 DATE
TSD FACILITY THAN	NAME ECDC ENTIRONMENT ADDRESS 1111 W. HWY 123 CITY,STATE,ZIP EAST CARBON, PHONE NO. 800-444-4451  GEN OLD/NEW	TYPED OR PRINTE  UT 84520  TYPED OR PRINTE  L A TO	EPA I.D. NO.  XI  ED FULL NAME & SIGNATURE  AV 295246  EPA I.D. NO.  XI  ED FULL NAME & SIGNATURE  NS Darin T.	DISPOSAL A  LANDFILL OTHER      Olson, Facilia	47_ METHOD 7-96 DATE

25.5	NAME MC DONNELL DOUGLAS REALTY CO. JOB#97-109A I.D. NO.
	ADDRESS 4060 LAKEWOOD BLVD., 6TH FLOOR PROFILE
TOF	CITY,STATE,ZIP LONG BEACH, CA 90808 PHONE NO. 310) 627-3014
NER	CONTAINERS: No. BAGS Volume 40 YARDS Weight
BY, GE	TYPE: TANK DUMP TRUCK TRUCK DRUM CARTONS TOTHER ROLLOFF/CUBE VAN
ETED	WASTE DESCRIPTION NON-FRIABLE ASBESTOS GENERATING PROCESS REMOVAL COMPONENTS OF WASTE PPM % COMPONENTS OF WASTE PPM %
OMP	5 5 5 6 7
D H	4. ————————————————————————————————————
3نف مصا*	PROPERTIES: pH SOLID LIQUID SLUDGE SLURRY OTHER  HANDLING INSTRUCTIONS: USE PROPER RESPIRATORY EQUIPMENT
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.  TYPED OR PRINTED FULL NAME & SIGNATURE  DATE
- C	NAME UNION PACIFIC TRANSPORTATION  ADDRESS 1860 LINCOLN ST., 3RD FLOCR  SERVICE ORDER NO. (12.2)
O F	CITY, STATE, ZIP DENVER, CO 80295 SERVICE ORDER NO. 2/22  PICK UP DATE 13/3/96
ANSP	TRUCK, UNIT, I.D. NO.  TYPED OR PRINTED FULL NAME & SIGNATURE DATE
L	179 BIN SCXU295613 FCW 96-1642
	NAME ECDC ENVIRONMENTAL EPA
	ADDRESS 1111 W. HWY 123 DISPOSAL METHOD
E	CITY,STATE,ZIP EAST CARBON, UT 84520 X LANDFILL TOTHER
ACIL	PHONE NO. 800-444-4451  TYPED OR PRINTED FULL NAME & SIGNATURE  DATE
SD F	GEN OLD/NEW L A TONS Darin T. Olson, Facility Engr.
	TRANS  S B  RT/CD  HWDF NONE DISCREPANCY SC XU 295316
	NONE DISCREPANCY SCAUGE OF STATE OF STA

#### 8 = · }

- 17	NAME MC DO	ONNELL DOUGLA	S REALTY CO.	JOB#97-	109A I.D.	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		
	ADDRESS4	060 LAKEWOOD	BLVD., 6TH FI	OOR				A Shares Say Spices
ТОН		LONG BEACH, C			PROFILE NO.	PHONE NO. (	310 627-301	4
NEH	CON	TAINERS: No	CM	Volume		YARDS Weig	int	
PY G	TYPE:	TANK DUA	MP DRU	M 🗆 CAI	RTONS 😤	OTHER ROL	LOFF/CUBE V	AN
0			E ASBESTOS	GENER	ATING PROCESS	REMO	VAL	
F	СОМРО	NENTS OF WASTE	PPM	% CC	MPONENTS OF	WASTE	РРМ	%
	1			5				•
	2		<del>-</del>	6				- ′
9	3. ———			7. —				
THE STATE OF	4. ———			8		<del></del>		
20	PROPERTIES: pl	H [ SOLID	☐ FIONID ☐	] SLUDGE 🔲 S	SLURRY [ 0	THER		
0	HANDLING INSTRU	CTIONS:USE	PROPER RESPIE	ATORY EQUI	PMENT		$\sim$	
	<del></del>	OR CERTIFIES THAT TH	4E] ,	. 1	100	n- 11	1) (1)	las
	WASTE AS D	ESCRIBED IS 100	% Kicky	RICKARD		first	10/21	96
	NON-HAZARDOL	JS.	TYPED OF P	RINTED FULL NAM		! /	DATE DATE	
· · · · ·	NAME UNION	PACÌFIC TRAN	SPORTATION		EPA I.D.			
<b>11.</b>	ADDRESS 1	860 LINCOLN S	T. 3RD		NO. SERV	ICE OBDER NO	(/20/	
- 22		DENVER, CO						
O.	CITY,STATE,ZIP _	DERIVER, CO			PICK	UP DATE 40	199	
S	PHONE NO8	00-444 576-84	44	,0,1	- 4		//	16
<b>X</b>	TRUCK, UNIT, I.E	D. NO.	Thom	or Copyess	ili The	me 1	<u>lessi 10</u>	1311-16
E				RINTED FULL NAME ECC U			DATE	•
	179-10	2,39	13 /N	289 289	96-	1642	}	
	NAME ECDC	ENVÍRONMENTAL			—— EPA 1.D.		<b>""对于"</b> "	
	ADDRESS 11	11 W. HWY 123	J		<b>N</b> O.		DISPOSAL METHOD	
		EAST CARBON,	TPT 84520		·*	_	OTHER	
÷E.	011 1 0 11 11 11 11				$-\Lambda_{\lambda} \Lambda^{\Delta}$	CMADRIET F	J 01HEH	
5	PHONE NO80	0-444-4451			DUW		10-31-90	<u> </u>
A			IYPEDORF	RINTED FULL NAME		Olson, E	DATE Facility Eng	ŗ.
D FACI	GEN	OLD/NEW	L A	TONS	الجها	*		
S	TRANS	1	s B	,		V()		
		1		HWDF		$\mathcal{V}$		
	C/Q		RT/CD	NONE	DISCREPANO	CY '		
Ti - 121	·							

## NON-HAZARDOUS WASTE DATA FORM

	NAME	MC DO	NNELL DOUGL	AS REAL	TY CO.	JE	B#97-	109A	EPA I.D. NO.	图 100				
	ADDRES	s 4060	LAKEWWOD B	LVD., 6	TH FLOO	OR							a versional.	
O	CITY,ST	ATE,ZIP	LONG BEACH	, CA 90	808				OFILE 10.			درگ درجی درجی این درجی		
		_										627-3		
Ш., 2		CON	TAINERS: No		ВА	AGS	Volume_			YARDS	Weight _			<del></del>
- W	7/05		TANK DI	14.40										i
ΒV	TYPE:		TANK DE	UCK	☐ DRU	JM	CAR	rons	X ·	OTHER_R	OLLOF	CUBE	VAN	
Q	WASTE D	ESCRIPTIC	NON-FRIA	BLE ASE	ESTOS		GENERAT	TING PRO	OCESS	RE	MOVAL			
ET			IENTS OF WASTE	P	PM	%	COM	IPONEN	TS OF	WASTE		PI	РМ	%
PL	1												_	
S.	3													
LO:	4. —						8					_		
Ω.			SOLID							THER				
	HANDLING	3 INSTRUC	TIŌNS: USI	E PROPE	R RESPI	CRATOR	EQUI	PMENT	:	1.4				
			R CERTIFIES THAT T ESCRIBED IS 10	i	Pich	Rus	AND .	Ri	\ Kh	Le	L 1	) 10	/21/	196
		IAZARDOU:			TYPED OF P	PRINTED FU	LL NAME					DÁ	TE	
	-		PACIFIC TR					-	EPA I.D. NO.				. 7	
	ADDRES	s <u>1</u>	860 LINCOLN	ST. 3R	D PLOOF	₹	<del></del>	_	SERVI	CE ORDER	NO	120	61	/
O	CITY,STA	ATE,ZIP	DENVER, CO	80295				_	PICK L	JP DATE _	12/	21/4	3/_	
SE	PHONE !	10. 800	-576-448 <b>84</b> 4		ST.	191		ب	M		A.	1, -	-	1.6
Z.	TRUCK,	UNIT, I.D	. NO.	,	TYPED ORP		:35/40 LNAME &	SIGNATU	RE	m		DAT	<i>(_)</i> E	12/56
	179	1239		B	ECC	<i>u</i> 4	96-	164	12					
			ENVIRONMENT						EPA I.D.					O.C.
	ADDRES	ss1 <u>111</u>	W. HWY 123						NO.		DISPO	SAL METH	OD	- X-97
	CITY,ST	ATE,ZIP	EAST CARBO	TU,, NC	84520			_	<b>X</b>	LANDFILL		HER		
	PHONE	NO.800-	444-4451			Not	n-	10	-31	96				
D FAC	<b></b>	<del></del>			TYPEDORE	PRINTED FUI				Olson,	Faci		ngr.	
0.0	GEN		OLD/NEW	L	'A	TONS				•		j	Ü	,
	TRANS			S	8					•				
	C/Q			RT/CD		HWDF N	ONE	DISCRE	PANC	Y				
		1				1				·				

Direction 1, 5, 76

	NAME MC DON	NNILL DOUGLAS	REALTY CO.	JOB#97-	-109A I.D.			
	ADDRESS 40	60 X LAKEWOO	D BLVD., 6TH	FLOOR	PROFILE		POTENTIAL STATE	7
ō	CITY,STATE,ZIP _	LONG BEACH,	CA 90808		NO.	PHONE NO. (3)	627-3014	
NER	CON	ITAINERS: No	F	BAGS Volume	40	YARDSWeight _		
<b>B</b> Yd	TYPE:	TANK DUM	AP. DCK DRU	JM 🗌 CA	RTONS 💥	OTHER ROLLOFT	F/CUBE VAN	
$\mathbf{O}$	WASTE DESCRIPTION	ON_NON-FRIAB	LE ASBESTOS	GENER	ATING PROCESS	REMOMAL		
					OMPONENTS OF		РРМ	%
	1			5. <u></u>				
Z	2			6				
9	3. ,———			7. —				
THE STATE OF	4.			8. <u>-</u>		·		
O K		I SOLID				THER		
2	HANDLING INSTRUC	CTIONS:	BE PROPER RES	PIRATORY E	QUIPMENT			
		R CERTIFIES THAT TH				1 1.	//)	
		ÉSCRIBED IS 100	% Ricky	RICKAR	0//4	3- Ruch		
	NON-HAZARDOL		TYPED OR F	RINTED FULL NAM	AF & SIGNATURE		) DATE	
	NAME UNION	PACIFIC TRAN	SPORTATION		EPA I.D. NO.			
<b>三</b>	ADDRESS 18	60 LINCOLN S	T. 3RD FLOOR			CE ORDER NO.		2 A
	CITY STATE 710	DENVER, CO 8	0295			JP DATE 10 -	26-96	
23					PICK C	IP DATE Z		<del></del>
SZ -	PHONE NO 800	1-444-4451	- \ce.	PEDIUM	CIA	10	-2696	
	TRUCK, UNIT, I.C	NO.		SHINTED FULL NAME		10	DATE	
	163-19		-1642	,				
444					EPA			
		ENVIRONMENTA	· ·- ·-··		I.D. NO.			
	ADDRESS	1-11 W. HWY 1	23			DISPO	SAL METHOD	
	CITY,STATE,ZIP	EAST CARBO	N, UT 84520		<u> </u>	LANDFILL   OT	HER	
	BLICKIE NO. 80	0-444-4451		Day	Him hi	Ken Ilan	11/11	191
- ರ	PHONE NO		TYPED OR	PRINTED FULL NAME	E & SIGNATURE	Wan Min	DATE	1/4
L	GEN	010.0504	L A	TONS	Darin 1	. Olson, Fa	cility Eng	r.
<b>D</b>		OLD/NEW	4	10.13				i
	TRANS		S B					
			RT/CD	HWDF	DISCREPANC	<b>v</b>		
		<u> </u>	L	NONE	DISCHEFANC			

	NAME MC DONNELL DOUGLAS	JOB#97-109A I.D.
	ADDRESS 4060 LAKEWOOD BLVD., 6TH FLOOR	NO.
Ö.	CITY,STATE,ZIP LONG BEACH, CA 90808	PROFILE NO. (310 627-3024
NET	CONTAINERS: No. BAGS	
BYG:	TYPE: TANK DUMP TRUCK DRUM	CARTONS XX OTHER ROLLOFF/CUBE VAN
Ω	WASTE DESCRIPTION NON-FRIABLE ASBESTOS	GENERATING PROCESS REMOVAL
	COMPONENTS OF WASTE PPM %	COMPONENTS OF WASTE PPM %
	1	
25	2	- 6,
5	3	7,
В	PROPERTIES: pH SOLID LIQUID SL	LUDGE SLURRY OTHER
0	HANDLING INSTRUCTIONS: USE PROPER RESPIRA	TORY EQUIPMENT
	THE OFFICE OF THE THE THE	1 $1$ $1$ $1$ $1$ $1$ $1$ $1$ $1$ $1$
	WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.  TYPED OR PRINT	
	NAME UNION PACIFIC TRANSPORTATION	EPA EPA
<b>1</b> 1.	ADDRESS 1860 LINCOLN ST. 3RD FLOOR	NO.
E.	CITY,STATE,ZIP DENVER, CO 80295	PICK UP DATE 10 - 26-96
Φ.	PHONE NO	O O
2	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	GENOTA LI 10-2696
2	TRUCK, UNIT, I.D. NO. TYPED OR PRINT	ED FULL MANG & SYCMATURE
	163-2058 96-1642	ELIN 2058
	NAME ECDC ENVIRONMENTAL	EPA LD
1	ADDRESS 1111 W. HWY 123	NO. DISPOSAL METHOD
	CITY,STATE,ZIP EAST CARBON, UT 84520	X LANDFILL _ OTHER
	PHONE NO. 800-444-4451	rin Olm by Kondhan 11/12/9)
¥.	TYPED OR PRIN	TED FULL NAME & SIGNATURE DATE / DATE /
0	GEN OLD/NEW L A TO	Darin T. Olson, Facility Engr.
S	TRANS S B	
1	C/Q RT/CD HV	NONE DISCREPANCY
1 44	<u> </u>	

	NAME MC DONNELL DOUGLAS JOB#97-109A I.D. NO.
	ADDRESS 4060 LAKEWOOD BLVD., 6TH FLOOR PROFILE
Ō	CITY, STATE, ZIP LONG BEACH, CA 90808 PHONE NO. (310 627-3014
	CONTAINERS: No. BAGS Volume YARDS Weight
BYGE	TYPE: TANK DUMP . TRUCK TRUCK DRUM CARTONS TOTHER ROLLOFF/CUBE VAN
	WASTE DESCRIPTION NON-FRIABLE ASBESTOS GENERATING PROCESS REMOVAL
1	COMPONENTS OF WASTE PPM % COMPONENTS OF WASTE PPM %
T.	1
×.	2 6 7
	3.
	PROPERTIES: PH SOLID LIQUID SLUBBY OTHER .
	HANDLING INSTRUCTIONS: USE PROPER RESPIRATORY EQUIPMENT
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.  TYPED ON PRINTED FULL NAME & SIGNATURE  DATE
	NAME UNION PACIFIC TRANSPORTATION EPA
	ADDRESS 1860 LINCOLN ST., 3RD FLOOR SERVICE ORDER NO. C12062?
	CITY, STATE, ZIP DENVER, CO 80295 PICK UP DATE 10/25-196
7	PHONE NO. 800-576-8444
1	Thomas Bhissie Thomas Studi 10/25/96
	TRUCK, UNIT, I.D. NO.  TYPED OR PRINTED FULL NAME & SIGNATURE  DATE
	15-3880 Bin 410176 96-1642
	NAME ECDC ENVIRONMENTAL EPA
	ADDRESS 1111 W. HWY 123 NO. DISPOSAL METHOD
	CITY,STATE,ZIP EAST CARBON, UT 84520 X LANDFILL OTHER
	PHONE NO. 800-444-4451 MAIN THE BY STORY 11/02/9
	TYPED OR PRINTED FULL NAME & SIGNATURE DATE
	GEN OLD/NEW L A TONS Darin T. Olson, Facility Engr.
7	TRANS S B
1	LIWDE
1	C/Q RT/CD HWUF NONE DISCREPANCY

-,	133	NAME MC	ONNELL DOUGL	AS	JOB#97-109	PA I.D. NO.		
		ADDRESS4	1060 LAKEWOOD	BLVD., 6TH FLO	OOR .	PROFILE		Carl
	O	CITY,STATE,ZIP _	LONG BEACH,	CA 90808		NO.	O (310 627-3014	
	NER	CON	TAINERS: No.	BAGS	Volume		Weight	
100	BYG	TYPE:	TANK DUM	P. CK DRUM	☐ CARTONS	S S OTHER B	OLLOFF/CUBE VAI	N
	Ω	WASTE DESCRIPTION	NON-FRIABLE	E ASBESTOS	GENERATING	PROCESS REMOV	'AL	
			NENTS OF WASTE	PPM %	COMPON	ENTS OF WASTE	PPM	%
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	₹.	2	_					
	.0				7. —			
	Ш	7.			<del></del> 8			
				LIQUID S				
		HANDLING INSTRUC	CTIONS:US	E PROPER RESPI	RATORY EQUIPS	IENT		
1		THE GENERATO	R CERTIFIES THAT TH		Dilarial	1 2. 6	1.1.1	
Ţ,	- 12.2	WASTE AS D	ESCRIBED IS 100	TYPED OF PRIN	JCRAKE!	OWATURE A	DATE	
Ŀ	1.5 miles		PACIFIC TRA		TED FOLL NAME/ & SI	EPA EPA	DATE STATE	4-14-0-21
1			<del></del>			I.D. NO.		2
	Ш.	ADDRESS 186	0 LINCOLN ST	., 3RD FLOOR		SERVICE ORDER	18(7/1908)	
1	E	CITY,STATE,ZIP _	DENVER, CO 1	30295		PICK UP DATE .	14-25-56	
ľ	C.	PHONE NO80	00-444-4451	- \ -	7-2	$\mathcal{O}$		
4:	Z			JESUS	LEDINIA -		10-25-96	•
	E.	TRUCK, UNIT, I.D		TYPED OR PRIN	TED FULL NAME & SIGN	ATURE	DATE	
		163-1	L3 /		B1 1 2	31-96-	1647	
	- X	NAME ECDC	ENVIRONMENTA	L		EPA I.D.		
		ADDRESS 111	11 W. HWY 123			NO.	DISPOSAL METHOD	
,	<b>*</b>	CITY,STATE,ZIP	EAST CARBON	, UT 84520		X LANDFILL	OTHER	
1		PHONE NO 80	00-444-4451	مراسح زر درگی	Chih. Von	1 Som	1/10	4/96
	うば	, 110/12 140		TYPED OR PRU	TED FULL NAME & SIGN	VATURE	UAIE	
1.	L	GEN	OLD/NEW	L A 1	ONS Da	rin T. Olson	n, Facility Eng	r.
1			GLD/NEW					
1.	-3	TRANS		S B				
		C/Q	1	RT/CD H	WDF DIS	CREPANCY		
- 1					NONE DIS			

	NAME MC DONNELL DOUGALS REALTY CO.	JOB#97-109A I.O.
2	ADDRESS 4060 LAKEWOOD BLVD., 6TH FLOOR	NO.
TOR	CITY,STATE,ZIP LONG BEACH, CA 90808	PROFILE NO. PHONE NO. (310) 627~3014
NER	CONTAINERS: No. BAGS	Volume YARDS Weight
BYIGE!	TYPE: TANK DUMP TRUCK TRUCK DRUM	☐ CARTONS XX OTHER GONDOLA \$ LRWN 6157
0	WASTE DESCRIPTION NON-FRIABLE ASBESTOS	GENERATING PROCESS REMOVAL
	COMPONENTS OF WASTE PPM %	COMPONENTS OF WASTE PPM %
	1	5
	2	6
8	3. ————————————————————————————————————	7.
Ш	4.	V. ————————————————————————————————————
ō	PROPERTIES: pH SOLID LIQUID SLUDG USE PROPER RESPIRATO	DRY EOUIPMENT
<b>H</b>	F	0
1	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100%	1 Tun Mys 12- 17-96
	NON-HAZARDOUS. TYPED OR PRINTED I	
의상	NAME UNION PACIFIC TRANSPORTATION	EPA I.D.
ш.;	ADDRESS 1860 LINCOLN ST. 3RD FLORR	NO. SERVICE ORDER NO.
.6.	CITY,STATE,ZIP DENVER, CO 80205	PICK UP DATE
2	PHONE NO. 800-576-8444	FICA OF DATE
S.	PHONE NO.	Surce Han 1277-96
¥.	TRUCK, UNIT, I.D. NO. TYPED OR PRINTED FI	JIL NAME & SIGNATURE DATE
	76-1642	
	NAME ECDC ENVIRONMENTAL	EPA
	ADDRESS 1111 W. HWY 123	NO. DISPOSAL METHOD
	CITY,STATE,ZIP EAST CARBON, UT 84520	LANDFILL □ OTHER
	PHONE NO. 800-444-4451	m 17-13-96
O.	- X 7(2/AL	ULL NAME & SIGNATURE DATE
L.	GEN OLD/NEW L A TONS	DSain T. Olson, Facility Engr.
S	TRANS S B	
	C/Q RT/CD HWDF	DISCREPANCY
		NONE DISCREPANCY

		NAME MC DO	NNELL DOUGALS	REALTY CO.	JOB#97	-109A I.D.			
	0	ADDRESS	4060 LAKEWOOI	BLVD., 6TH	FLOOR	PROFILE			S. S. Al Cal
	LO	CITY,STATE,ZIP	LONG BEACH, C	CA 90808	·	NO.	ONE NO. 61062	7-3014	
	NEW.	cc	ONTAINERS: No		BAGS Volum		OS Weight		
	BYGE	TYPE:	TANK DU	UCK DP	IUM 🗀 C	ARTONS X OTH	ER GONDOLA	4 CBRY 390	<u>07</u>
	ED		NON-FRIABI			RATING PROCESS	REMOVAL		
ار.	L	COMP	ONENTS OF WASTE			OMPONENTS OF WAS		PPM %	Ó
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~	· 6	3. —							
	ů.	h. ———			——— 8. <u>—</u>				
	B V		oH SOLID			. /	۹		
	ř	HANDLING INSTRU	JCTIONS: USE	PROPER RESP	PIRATORY EQ	DI PMENT			
		i 1	OR CERTIFIES THAT T DESCRIBED IS 100 DUS.	0%	PRINTED FULL NAI	ME & SIGNATURE	12.	0Z- 96 DATE	
	**************************************	NAME UNIC	ON PACIFIC TRA	ANSPORTATION		EPA I.D.			
	<u>ш.</u> 3	ADDRESS 186	0 LINÇOLN ST	. 3RD FLOOR		NO. SERVICE O	ORDER NO. C/2	2277	N. C.
	POR	CITY,STATE,ZIP	DENVER CO.8029	95		•	15 15	196	
	NSI	PHONE NO. 80	00-576-8444	- 1	127	and M	a d	1. ·	
	H.	TRUCK, UNIT, I	D. NO.		PRINTED FULL NAME		m16-())	, DATE	
		179	· · · · · · · · · · · · · · · · · · ·	12/14 4/1	0139	916-1642	12,	12/96	
	4-814	NAME ECDO	ENVIRONMENT	AL		EPA			
		ADDRESS 111	11 W. 123 HWY			NO.	DISPOSAL	METHOD	
	Ē	CITY STATE ZIP	EAST CARBON,	UT 84520		X LAN	DFILL _ OTHER		
	53	PHONE NO	300-444-4451	<u></u>		ou !	2-13-94		
	FA				PRINTED FULL NAM	-		DATE	
	OS	GEN	OLD/NEW	L A	TONS	Darin T. Ols	son <b>n</b> Facili	ry Engr.	
		TRANS		S B			•		
	1150	C/Q		RT/CD	HWDF	DISCREPANCY			

### NO. 101609

2.0	NAME MC DC	NNELL DOUGAA	S REALTY CO.	<b>Ø</b> OB#97-	-109A I.D.				
	ADDRESS 4060	LAKEWOOD BL	VD., 6TH FLOO	R	PROFILE				COLUMN FUN
TOL	CITY,STATE,ZIP _	LONG BEACH,	CA 90808	· · · · · · · · · · · · · · · · · · ·	NO.	PHONE NO	810 627	-3014	
NEH	CON	ITAINERS: No	BAGS	Volume	Y				
BYGE	TYPE:	TANK DUI	MP JCK <sub>.</sub> DRU	M 🗀 CAF	RTONS 光 o	OTHER	GONDOLA	# GVSR	<u>32309</u> 4
ETED	WASTE DESCRIPTION	NENTS OF WASTE		% со	ATING PROCESS MPONENTS OF	WASTE		РРМ	%
OWPL	2			6					
) BE C		H C SOLID		SLUDGE 🗍 S		THER			
<b>P</b>	HANDLING INSTRUC	CTIONS:	USE PROPER RE	SPIRATORY	ZQUIPMENT				
		R CERTIFIES THAT TO ESCRIBED IS 100 JS.	1% 12M	RINTED FULL NAM		My		2-1)- DATE	46
	NAME UNIC	ON PACIFIC TR	ANSPORTATION		EPA I.D.	-	NATION OF		
山影	ADDRESS 186	0 LINCOLN ST	REET_3RD FLOO	PR	NO.   SERVI	ICE ORDER	NO		44.4
O.	CITY,STATE,ZIP _	DENVER, CO 85	80205		PICK U	JP DATE		•	
S	PHONE NO 8 00-5	576-8444	_	sRoyd					, .
HA	TRUCK, UNIT, I.C	). NO.	TYPED OR P	RINTED FULL NAME	SIGNATURE			)/ -/ DATE	-/_
生活	96-1	642			<u> </u>		-		
		ENVIRONMENTAL			EPA				
	ADDRESS 1111	W. HWY 123	- <u></u>	<del></del>	NO.		DISPOSAL M	ETHOD	
7	CITY,STATE,ZIP	EAST CARB	ON, UT 84520			LANDFILL	OTHER_	<del> </del>	·
1	PHONE NO. 8	00-444-4451		$\mathcal{L}(\mathcal{L})$	Ison		12-9-	96	i
FACI	CEN		T	PRINTED FULL NAME	asgnature Darin T.	Olson,	Facilit	DATE y Engra	•
SO	GEN	OLD/NEW	L A	TONS		·			
	TRANS		S B			•	•		!
	C/Q		RT/CD	HWDF NONE	DISCREPANO	Y			!

	NAME MC DO	NNELL DOUGLA	S REALTY CO	JB#97-	-109A ii			
n-	ADDRESS 40	60 LAKEWOOD	BLVD., 6TH FI	OOR	PROFIL		and the second s	
ATOR	CITY,STATE,ZIP	LONG BEACH,	CA 90808		NO.	a hand a second time.	10 627-3014	
ENER	CON	NTAINERS: No	BAGS	Volum	10	YARDS Weight	<del></del>	
10 PK	TYPE:	TANK DUI	NP DRI	JМ □ С	ARTONS X	OTHER GOND	OLA # CTRN	501169
	WASTE DESCRIPTION	NON-FRIA	BLE ASBESTOS	GENE	RATING PROCE	ss <u>REMOVAL</u>		
	СОМРО	NENTS OF WASTE	РРМ	% C	OMPONENTS	OF WASTE	РРМ	%
	1			5	· · · · · · · · · · · · · · · · · · ·			
2.5	2							
0	3. ————				<del></del>			
m m	] <del>"</del> .	H SOLID		0	eu may F			
O -	3	CTIONS:						
Y.	ł ,————		$\overline{}$	1 ,				
1	1 1 .	PR CERTIFIES THAT TH DESCRIBED IS 100	1% 120	Mars	and	hy	12-1	7-96
	NON-HAZARDOL	JS.	TYPED OR F	PRINTED FULL NA	ME & SIGNATUI	RE /	DATE	
0	NAME <u>UNION</u>	PACIFIC TRAN	SPORMATION		I.D.		TEN T	2.6
Ш	ADDRESS 18	80 LINCOLN S	TREET 3RD FLO	OR	NO. SEF	RVICE ORDER NO		
C .	CITY,STATE,ZIP	ENVER, CO 80	295			K UP DATE		
SP	PHONE NO80	0-576-8444		_	,	7 /	/3	
NA.	TRUCK, UNIT, I.D	D. NO.	tes	s Boy Ge		Bi	2/2-1	7-96
H	_		TYPEDORE	PRINTED FULL NAME	E & SIGNATURE		DATE	1
1000	96-10	ENVIRONMENTA	T	· · · · · · · · · · · · · · · · · · ·	, /			
			<del></del>		I.D NO			
		11 W. HWY 12	,			DIS	POSAL METHOD	
	CITY,STATE,ZIP	EAST CARBON,	UT 84520			X LANDFILL	OTHER	
	PHONE NO. 80	0-444-4451		Desor	^	12-9	-96	
AC			TYPED OR	PRINTED FULL NAM			DATE	
Δ.	GEN	OLD/NEW	L A	TONS ,	Dallii 1.	. Olson, Fac	TITLY FURT	•
LS	TRANS		S B				•	
TA	C/Q		RT/CD	HWDF	DISCREPA	NCY		
	<u> </u>	<u> </u>		NONE	JOISTOREPAI			

1	NAME MC DO	NNELL DOUGLA	SREALTY CO.	97-10	09A I.D. NO.			
	ADDRESS 40	60 LAKEWOOD	BLVD., 6TH FLO	OR	PROFILE	rain and an arms and are	The Park The State State	
0	CITY,STATE,ZIP _	LONG BEACH,	CA 90808		NO.	ONE NO. (310 6	27-2014	
NER	CON	ITAINERS: No	BAG	S Volume_	40 YARDS			
BYGE	TYPE:	TANK DU	 IMP UCK DRUM	Λ □ CAR <sup>*</sup>	тонѕ ၾ отні	ER ROLLOFF/C	CUBE VAN	
Ω	WASTE DESCRIPTION	ON_NON-FRIA	BLE ASBESTOS	GENERAT	TING PROCESS	REMOVAL		
L.	СОМРОІ	NENTS OF WASTE	PPM %	6 COM	PONENTS OF WAS	STE	PPM %	-
7	\\.\							
ō	2						<del></del> -	
O.	1							
80	PROPERTIES: ph	I SOLID	LIQUID [	SLUDGE 🗌 SL	URRY 🗌 OTHER			
2	HANDLING INSTRUC	CTIONS:	USE PROPER RES	PIRATORY EC	QUIPMENT			
	3	R CERTIFIES THAT T ESCRIBED IS 100 IS.	0%	RINTED FULL NAME	& SIGNATURE	/7.4	1 · 96	
- W 4	NAME UNI	ON PACIFIC T	RANSPORTATION		EPA	er propertie		
in the	ADDRESS 18	60 LINCOLN S	T. 3RD FLOOR		NO. SERVICE C	ORDER NO. C12	2112	542
Ö	CITY,STATE,ZIP	DENVER, CO 8	0205		PICK UP D	ATE 12-4	96	
S	PHONE NO. 80		<b>-</b>	۱ ـ ـ ۱	) 0- 0-			
HA	TRUCK, UNIT, I.D	. NO.	TYPED OR PR	CONTRACT OF STREET		12	DATE	
地域			ecoc 289	96-1	642	<u> </u>		
		C ENVIRONMEN			EPA I.D.			7.4
	ADDRESS 11	11 W. HWY 12	3		—	DISPOSA	L METHOD	1993
È	CITY,STATE,ZIP	EAST CARBO	N, UT 84520	· ·	X LAN	DFILL 📋 9THE	R	
= 2	PHONE NO. 800	-444-4451		DO 100		12-13-0	76.	
4.4		-	т	RINTED FULL NAME &	signature Darin T. Ols	son, Facili	DATE ty Engr.	
		1		T0110				
D.	GEN	OLD/NEW	L A	TONS			_	
TSD F	GEN TRANS	OLD/NEW	S B	TONS			_	

	NAME MC DON	NELL DOUGALS	REALTY CO.	JOB#97	-109A	I.D. NO.			
	ADDRESS	4060 LAKEWOO	D BLVD., 61	TH FLOOR	<del></del>		* * * * * * * * * * * * * * * * * * *	The state of the s	Part Of SWERN
TOF	CITY.STATE.ZIP _	LONG BEACH,	CA 90808			OFILE NO. PHONE	NO. (310	627-3014	
ENER	CON	ITAINERS: No.		BAGS Vol	umeZS	YARDS			
BY G	TYPE:	TANK DUI	MP D	DRUM	CARTONS	X OTHER	ROLLOF	F/CUBE V	AN
7,27	WASTE DESCRIPTION	ON_NON-FRIA	LE ASBESTOS	GEN	ERATING PR	OCESS RE	MOVAL		
		NENTS OF WASTE				ITS OF WASTE		РРМ	%
P	1			5					
NO.	2	•							
ŭ	J			7					
0	PROPERTIES: N				SLURRY	OTHER	<del></del>	-	
2	HANDLING INSTRUC	CTIONS: US	SE PROPER RE	ESPIRATORY	EQUIPME	NT -	, 1	01	
		R CERTIFIES THAT TI	<del></del>	1 . 1		$\overline{}$	11 01	////	
	WASTE AS D	ESCRIBED IS 100 IS.		Norda	en	1014	L JUL		
		ION PACIFIC T		R PRINTED FULL N	IAME & SIGN	EPA	v Turkeyeke	DATE	1000
<u>C</u> .		860 LINCOLN S				I.D. NO.		. F. S.	
E					<u> </u>	SERVICE ORD	ER NO		
ō	_	DENVER, CO	30205		11-	PICK UP DATE	<b>1</b>		
NSP	PHONE NO80	0-3576-8444	- 🔿 1	Inte	/	HARE		12.5.	-91
A S	TRUCK, UNIT, I.D	. no./b3 - <b>38</b> 64		A PRINTED POLL NA		THE		DATE	76
	BINUT	200-104		sus 150	nors	796	-1642	5-2-	56
	NAME ECDC	ENVIRONMENTAL	<u> </u>		<u> </u>	EPA I.D. NO.			1
	ADDRESS 111	1 W. HWY123			<del>-,</del>	NO. 3.3.2	DISPOSA	AL METHOD	r - roughtive
Ž	CITY,STATE,ZIP	EAST CARBON	, UT 84520		<del></del>	X LANDFI	ц. 🗌 отне	R	
<b>=</b>	PHONE NO. 80	0-444-4451		DOL	2011		12-1	7-96	
FACI		,	TYPED	OR PRINTED FULL N	1		7 4 4	DATE	
0.0	GEN	OLD/NEW	L A	TONS	Dar	in T. 01:	son, FAc:	ility Eng	gr.
TS	TRANS		S B						
	C/Q		RT/CD	HWDF NONE	DISCRI	EPANCY			

一樣	NAME MC DO	ONNELL DOUGA	LS REALTY CO.	JOB#97	-109A I.D			
0	ADDRESS 406	0 LAKEWOOD	BLVD. 6TH FLO	OOR	PROFILE			version of
Ō	CITY,STATE,ZIP	LONG BEACH,	CA 90808		NO.			
ENERATO	CO	NTAINERS: No	1-cm	SAGE 16 Volum		HONE NO. 310) 62		
Ø <b>\</b>	TYPE:	TANK DETERMINE	UMP RUCK []] DI	RUM [] C	ARTONS XX 01	HER <u>ROLLOF</u>	CUBE V	AN
<b>□</b>	WASTE DESCRIPTI	ON_NON-FRIA	BLE ASBESTOS	GENE	RATING PROCESS _	REMOVAL		
<u></u>	COMPC		PPM		OMPONENTS OF WA		PPM	%
<b>a</b>	1			5				
Z	2							
ပိ	3			,		-		
E E	4.		( )	G				
O	1		(_) LIQUID			ER		
<b> -</b>	.	<del></del>	SE PROPER RES	Classia Nie	AT CON MC PO	NAVEL DOUGITHS		
	1 )	DR CERTIFIES THAT DESCRIBED IS 10		<i>'</i>			- (2·7	
•	NON-HAZARDOL	JS.	TYPED OF	PRINTED FULL NA	ME & SIGNATURE		DATE	
ا مارون مارون	NAME UNION	PACIFIC TRA	ANSPORTATION		EPA I.D. 定的			0 6
П.	ADDRESS 186	0 LINCOLN ST	r. 3RD/FLOOR		NO.	ORDER NO.	23211	0 0
<b>E</b>	CITY STATE 71D	DENVER, CO	80205			1	16 7	
7	1			<del></del>	PICK UP	DATE	<del></del>	
S.	PHONE NO. 800	)-576-8444		121		[	17.	
<b>1</b>	TRUCK, UNIT, I.C	D. NO.	TYPED OR	PRINTED FULL NAME	& SIGNATURE	Emal)	DATE .	1
	179					•	1/13	150
7.9	1 / / /	ENVIRONMENTA	AL		EPA 🕞		PWC 921 Sales	98995533
	ADDRESS 11	11 W. HWY 12	23		NO.	DISPOSAL	METHOD	
	CITY,STATE,ZIP	EAST CARBON	N, UT 84520		X! LAI			
5	PHONE NO. 80	0-444-4451		Davis	TOCOM by	Vor Million	1-23	-97
<b>V</b>			TYPED OF	PRINTED FULL NAM	$\boldsymbol{\nu}$		DATE	
<u>م</u>	GEN	OLD/NEW	L A	TONS	Darin T. O	lson, Facili	ty Engr.	
TSD	TRANS		S B				·	
	C/Q		RT/CD	HWDF	DISCREPANCY			
		<u> </u>	1		)			

			AS REALTY CO.		7-109A I.D.	F-173.		
6	ADDRESS 4060	LAKEWOOD BL	VD., 6TH FLOO	R	PROFILE		entre term term	O TO SOME
A TO	CITY,STATE,ZIP _	LONG BEACH,	CA 90808		NO.	PHONE NO.	10 627-3014	
NER	CON	TAINERS: No	BAG	S Volum		ARDS Weig	ht	
BYGE	TYPE:	TANK I DU	MP JCK DRU	M 🗆 CA			CBRY ;	3907
PLETED	COMPO	NENTS OF WASTE	PPM	% C	OMPONENTS OF	WASTE	PPM	
ECOM				7. —				
TOB	PROPERTIES: ph	SOLID U	□ LIQUID □ SE PROPER RES	SLUDGE   PIRATORY E	SLURRY [ O	THER 		
	THE GENERATO	R CERTIFIES THAT THE ESCRIBED IS 100	<del></del>	ey -	tou !		17-17 DATE	1-96
	NAME UNIO		ANSPORTATION		EPA I.D.	righter to		
113	ADDRESS	1860 LINCOLN	ST. 3RD FLOO	R	NO.   SERVI	CE ORDER NO		
5	CITY,STATE,ZIP _	DENVER, CO	80205		РКК І	JP DATE		·
S	PHONE NO	-576-8444	- F	R	11	12	là:	
¥.	TRUCK, UNIT, I.D	). NO.	TYPEDORP	RINTED FULL NAME	& SIGNATURE	24	DATE	17-960
		96-	1642					
	<del></del>	ENVIRONMENT			EPA			
	ADDRESS	1111 W. HWY	123		NO.	0	ISPOSAL METHOD	
È	CITY,STATE,ZIP	EAST CARB	ON, UT 84520		7 1 =x	LANDFILL [	OTHER	<del></del>
ACIL	PHONE NO. 800	-444-4451	TYPED OR F	RINTED FULL NAM		/	2-9-9 DATE	<u> </u>
D.	GEN	OLD/NEW	L A	TONS	Darin T.	Ulson, F	acility Eng	r.
S	TRANS		s B					
	C/Q		RT/CD	HWDF NONE	DISCREPANC	Y		

	NAME MC DONNELL GOUDLAS REALTY CO. JOB 97-109A ID.	
	ADDRESS 4060 LAREWOOD BLVD., 6TH FLOOR PROFILE	
Ō	CITY, STATE, ZIP LONG BEACH, CA 90808 PHONE NO. 310, 62	7-3014
NEH	CONTAINERS: No. <u>BAGS</u> Volume <u>YARDS</u> Weight	
BYG	TYPE: TANK DUMP TRUCK TRUCK DRUM CARTONS TOTHER GONDOLA	SP800067
Ω	WASTE DESCRIPTION NON-PRIABLE ASBESTOS GENERATING PROCESS REDIOVAL	
	COMPONENTS OF WASTE PPM % COMPONENTS OF WASTE	PPM %
	1 5	
M	2	
Ö	3. ————————————————————————————————————	
OD *	PROPERTIES: NH	·
0	HANDLING INSTRUCTIONS: USE PROPER RESPIRATORY EQUIPMENT	
	THE GENERATOR CERTIFIES THAT THE	
	WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.  TYPED OR PRINTED FULL NAME & SIGNATURE	12/2/20
- i. M	NAME UNION PACIFIC TRANSPORTATION EPA	DATE
Щ.,	ADDRESS 1860 LINCOLN ST., 3RD FLOOR SERVICE ORDER NO.	
- 6	CITY STATE ZIP DENVER, CO 80295 PICK UP DATE	
9	800-576-8444 PHONE NO	
Z	(rin Court Oracto 1212	0/96
2	TRUCK, UNIT, I.D. NO. TYPEDOR PRINTED FULL NAME & SIGNATURE	DATE
100		
- 20	NAME ECDC ENVIRONMENTAL EPA	
	ADDRESS 1111 N. 123 HWY / DISPOSAL	METHOD
7	CITY, STATE, ZIP W EAST CARBON, UT 84520	<u> </u>
	PHONE NO. 800-444-4451 /-//-	77
AC	TYPED OR PRINTED MYLINAME ASKENATURE Darin T. Olson, Facilit	DATE
D FACIL	GEN OLD/NEW L A TONS	y Lugi.
S	TRANS S B	
	C/Q HWDF NONE DISCREPANCY	
<u> </u>		

NAME MC DONNE	LL DOUGLAS	REALTY CO.	JOBAA			
ADDRESS 406	0 LAKEWOOD	BLVD., 6TH I	LOOR			
CITY,STATE,ZIP LC	ONG BEACE, C	A 90808		NO.	Market Commence	
			•	PHONE	NO. 810 627-3014	<u> </u>
CONTAI	NERS: No	BAGS	Volume	YARDS	Weight	
TYPE: 7/	ANK DUM	ek ⊟ nei	M 🗇 CAF	TONS TOTHER	CONDOLASSES	90
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3. ————			7. —			-
4. ———			8			
HANDLING INSTRUCTION	ons:OS	E PROPER RES	PIRATORY E	QUIPMENT		
THE GENERATOR C	ERTIFIES THAT THE		•	21		
WASTE AS DES	CRIBED IS 100%				<u> </u>	
		25 0	RINTED FULL NAM		DATE	Carlo Carlo Carlo
			<u> </u>	I.D.		
ADDRESS 1860 I	LINCOLN ST.,	3RD FLOOR	·	economic management and a second a second and  ER NO.		
CITY STATE ZIP DE	ENVER, CO 80	295				
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PHONE NO.	, u - u - u - u - u - u - u - u - u - u	$\rho$ .	10. H	(1) M TO	/1.1-	
TRUCK, UNIT, I.D. N	<b>o</b> .	TVPED COSE	RINTED FULL NAME	R SIGNATURE	7 7 7 3 -	76
		TIFEDORF	MAILEN OLL IAME		DATE	
	PANT - 010 100 100 100 100 100 100 100 100 1					
		ND.		I.D.		
ADDRESS	W. 123 HWY			NO.	DISPOSAL METHOD	A CONTRACTOR
CITY,STATE,ZIP	east Carbon,	OT 84520	100	ANDFIL		
PHONE NO. 800-	-444-4451		1 Ilon	m	1-11-19	
,		TYPED OR I			1 1 1 H	
GEN	OLD/NEW .	L A	TONS	Darin T. Olsor	, Facility Eng	r.
		e B				
TRANS	1	5 B				
	<u> </u>		HWDF			
C/Q	,	RT/CD	NONE	DISCREPANCY		
	ADDRESS 406  CITY,STATE,ZIP LC  CONTAIL  TYPE: TIT  WASTE DESCRIPTION COMPONEN  1. 2. 3. 4. PROPERTIES: PH	ADDRESS LONG BEACH, CONTAINERS: No. CONTAINERS: No. CONTAINERS: No. CONTAINERS: No. CONTAINERS: No. CONTAINERS: No. CONTAINERS: No. COMPONENTS OF WASTE  1. COMPONENTS OF WAST	ADDRESS 4060 LAKEWOOD BLVD., 6TH F CITY STATE ZIP LONG BEACH, CA 90808  CONTAINERS: No. BAGS  TYPE: TANK DUMP TRUCK DRUK  WASTE DESCRIPTION NOW-PRIABLE ASBESTOS  COMPONENTS OF WASTE PPM  1. SOLID LIQUID DEPTH OF THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NOW-HAZARDOUS. TYPED OR PI NAME UNION PACIFIC TRANSPORTATION  ADDRESS 1860 LINCOLN ST., 3RD FLOOR  CITY STATE ZIP DENVER, CO 80295  PHONE NO. 800-576-8444  TRUCK UNIT, I.D. NO. TYPED OR PI  ADDRESS 1111 W. 123 BWY  CITY STATE ZIP BAST CARBON, UT 84520  PHONE NO. 800-444-4451  TYPED OR PI  TY	ADDRESS 4060 LAREWOOD BLVD., 6TH FLOOR  CITY,STATE,ZIP LONG BEACH, CA 90808  CONTAINERS: No. BAGS Volume  TYPE: TANK DUMP TRUCK DRUM CAR  WASTE DESCRIPTION NOB-FRIABLE ASBESTOS GENERA COMPONENTS OF WASTE PPM % CO  1. 5. 6. 3  3. 7. 4  PROPERTIES: PH SOLID LIQUID SLUDGE SHADLING INSTRUCTIONS: USE PROPER RESPIRATORY EN THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% INCO-MAZARDOUS. TYPED OR PRINTED FULL NAME UNION PACIFIC TRANSPORTATION  ADDRESS 1860 LINCOLN ST., 3RD FLOOR  CITY,STATE,ZIP DENVER, CO 80295  PHONE NO. 800-576-8444  TRUCK, UNIT, I.D. NO. TYPED OR PRINTED FULL NAME.  ADDRESS 1111 W. 123 BWY  CITY,STATE,ZIP BAST CARBON, UT 84520  PHONE NO. 800-444-4451  TYPED OR PRINTED FULL NAME.  GEN OLD/NEW L A TONS  TYPED OR PRINTED FULL NAME.	CONTAINERS: No. BAGS VOIUMS TARDS  TYPE: TANK DUMP TRUCK DRUM CARTONS TOTHER TRUCK TRUCK DRUM COMPONENTS OF WASTE COMPONENTS OF WASTE PPM COMPONENTS OF WASTE PPM COMPONENTS OF WASTE PPM COMPONENTS OF WASTE PPM COMPONENTS OF WASTE PROPERTIES: PM SOLID LIQUID SLUDGE SLURRY OTHER WASTE AS DESCRIBED IS 100% NON-HAZARDOUS. TYPED OR PRINTED FULL NAME & SIGNATURE PHONE NO. 800-576-8444  TRUCK, UNIT, I.D. NO. TYPED OR PRINTED FULL NAME & SIGNATURE  NAME RECOC ENVIRONMENTAL COMPONENTAL COMP	ADDRESS 4060 LAREWOOD BLVD., 6TH FLOOR  CITY,STATE_ZIP LONG BEACH, CA 90808  PHONE NO. G10 627-3014  CONTAINERS: No. BAGS Volume YARDS Weight  TYPE: TANK TRUCK

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_		3. Generator's Name and Mailing Address	10 11/		Manifest Document	Number	00000
1-800-852-7550		MC DONNELL DOUGLAS REALTY CO. 4060 LAKEWOOD BLVD., 6TH FLOOR		B. State	Generator's ID		16358829
352.		LONEG PEACH, CA 90808 4. Generator's Phone (310) 627-3014		1	I  A  H  Q  3		
8		5. Transporter & Company, Name 120 MM) ENTAL 6. US EPA 10 Number 24	124	C. State	Transporter's ID	·	
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<u>ა</u> ౖ		1111 W. HWY 123	.2 .0 .1	H. Facili	y's Phone	<u></u>	4-4451
2 2		EAST CARBON, UT 84520  U T C 0 9 3 0 1 2	12. Cor	tainers	13. Total	14. Unit	4-4431
D I I I I		11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	No.	Туре	Quantity	Wt/Vol	1. Waste Number
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32;	G E	RQ ASBESTOS, 9, NA2212, PG III	001	BA	000040	Y	EPA/Other
88-	N E	<b>b.</b>		;			State
-42	R		1 1				EPA/Other
9 CENTER 1-800-424-8802; WITHIN	Ť	c.					State
_ œ	R		1 1	1			EPA/Other
Z		d.					State
				,	+ 1 1 1		EPA/Other
SZ.		J. Additional Descriptions for Materials Usted Above		K. Handi	ing Codes for Wast	es Listed Ab	pove
RESPONSE	l	THE WILL STREET OF CONDAINENCE WASTE			03.77.2	b	and the second
				12.0		d. 1945	
NATIONAL		15. Special Handling Instructions and Additional Information		\$5.84 3 P.	헌물을 때작하는 왔다.		ार्थ क्रिक् <b>रि</b> विस्तित्व के
IA.		SITE ADDRESS: 19503 S. NORMANDIE, TORRANCE, CA 9050			T JOB#97-	109A	
THE		ASBESTOS REMOVAL REQUIREMENT 40 CFR 61 (BAGGED, SE EMERGENCY RESPONSE:714-991,8300 FORYAB - ADEQ 30		-		HOENIK	AZ-85012
		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully a					
CALL	١	packed, marked, and labeled, and are in all respects in proper condition for transport by highway					
SPILL,	1	If I am a large quantity generator, I certify that I have a program in place to reduce the volur economically practicable and that I have selected the practicable method of treatment, starage, o	me and toxic	ity of wast	e generated to the	degree I h	ave determined to be
		threat to human health and the environment; OR, if I am a small quantity generator, I have made waste management method that is available to me and that I can afford.	de a good fo	ith effort	to minimize my was	te generatio	on and select the best
5	1	Printed/Typed Name Signature	Wi			Mon	th Day Year
Š	<u> </u>	17. Transporter 1 Acknowledgement of Receipt of Materials	or la	iar	الم		LIIII
EMERGENCY	R A M	Printed/Typed Name Signature Signature	113	0	٦,, ١	Mont	Day Jag
EX EX	2	18. Transporter 2 Acknowledgement of Receipt of Materials					
5	R T E	Printed/Typed Name Signature Signature Frances Tom/1250 & Frances	/	0.	<i>3</i>	moM	Doy Year
CASE	R	19. Discrepancy Indication Space	- an	420	40		-0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	F	96-1642					
≦	C						
	Ĭ	20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest Printed/Typed Name Signature	except as no	ited in Item	19.	Mont	h Day Year
	Y	Darin T. Olson Dun Sin Ju	X6r	Ville	un	10	2120196
4		DO NOT WRITE BELOW TH	IIS LINE	, —			

White: FoTSDE SENDS THIS COPY TO DESC WHITH 30 DAYS F.O. Box 3000, Sacramento, CA 95812

DTSC 8022A (1/95) EPA 8700—22

1	UNIFORM HAZARDOUS	1. Generator's US EPA I	D No.	Manifest D	ocumer	t No.	2. Page 1		on in the shaded area		
	WASTE MANIFEST	C  A  D  0  8  76 5	11 10 10 1 0	5   8	ı 8	2   6	1 of 1	is not requ	ired by Federal law.		
	3. Generator's Name and Mailing Address		11101019	<u> </u>		A. State	Manifest Document	Number			
	MC DONNELL DOUGLAS REAL					96358826					
	4060 LAKEWOOD BLVD., 67	H FLOOR				B. State (	Generator's ID		1. 生成者要達		
	LONG BEACH, CA 90808 4. Generator's Phone 319 627-3014						A H Q 3	6 0 0	5  6  9  8		
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	+ + 1 1 2 1 -	1000				E 1	orter's Phone 众				
	9. Designated Facility Name and Site Address	CTANS CA	10069	132	06	7.50	Focility's ID	10-5	14-640		
	ECDC ENVIRONMENTAL	10. 03	EPA ID Number			"一""一""	u d a e	ا ا ا	10111		
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	EAST CARBON, UT 84520	րբ	C 10 19 13 10	1 2 2 0	0  1			444-44	51		
	11. US DOT Description (including Proper Ship)	pina Name, Hazard Class, o	and ID Number)		2. Con		13. Total	14. Unit			
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	<b>一、上海道的基础</b>					<b>5</b>	<b>引发性的</b>	d.			
lf	15. Special Handling Instructions and Additiona	l Information	1/2-14	NO ENCOUNTY OF	GERSTE'	The Market of Con-	A	Leith eith	The state of the s		
	SITE ADDRESS:19503 S. 1		RANCE, CA	90502		С	ST JOB#97	-109A			
a 1	ASBESTOS REQUIREMENT 4	•	•		ELED		RG # 31				
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	rist or type. Form designed for use on elite (12-pi	cii) iypewriier.						Sacramento, California
1	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.  C   A   L   0   0   0   0   6   0   9		fest Documen	1 No.	2. Page 1 of 1		on in the shaded areas uired by Federal law.
	3. Generator's Name and Mailing Address ROCKWELL INTERNATIONAL 6633 CANOGA AVE., (P.O.	CORPORATION			14.000	Manifest Document	Number	635906
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	If I am a large quantity generator, I cer economically practicable and that I have threat to human health and the environm waste management method that is available	selected the practicable method of treatment; OR, if I am a small quantity generate	ient, storage, c	or disposal cu	irrently ava	ilable to me which	minimizes	the present and future ion and select the best
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Please print or type. Form designed for use on elite (12-pitch) typewriter. Sacramento, California 1. Generator's US EPA ID No. Manifest Document No. 2. Page 1 Information in the shaded areas UNIFORM HAZARDOUS is not required by Federal law. WASTE MANIFEST 916101810 C|A|L|0|0|0|0|6|0|9|0|5 of 1 3. Generator's Name and Mailing Address A. State Manifest Document Number 96359069 CA11, 1-800-852-7550 ROCKWELL INTERNATIONAL CORPORATION 6633 CANOGA AVE., (P.O. BOX 7922 D 392, MC:PA 45) CANOGA PARK, CA 91309-7922 4. Generator's Phone (818) 586-1888 ATTN:NINA MATTERA MC: B. State Generator's ID [H|Y|H|Q|3|6|0|0|5|0|2|7 MC:PA 45 5. Transporter 1 Company Name 6. US EPA ID Number C. State Transporter's ID ingse<sup>2</sup> MP ENVIRONMENTAL D. Transporter's Phone 805-393-1151 CAT0000624247 7. Transporter 2 Company Name 8. US EPA ID Number E. State Transporter's ID 'n UNION PACIFIC TRANSPORTATION ST 30CT |C|A|D|0|0|6|9|1|232|0|6 F. Transporter's Phone 800-576-8444 9. Designated Facility Name and Site Address 10. US EPA ID Number G. State Facility's ID N. S. ECDC ENVIRONMENTAL UT 9 4 2 2 1111 W. HWY 123 EAST CARBON, UT 84520 H. Facility's Phone 800-444-4451 UTC0191310112121011 12. Containers 13. Total 14. Unit 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) I. Waste Number Quantity Wt/Vol Туре **¥ITH** State "LO WASTR ASBESTOS MIXTURE, 151  $\eta^{ij}$ G EPA/Othe ASBRATOS, 9, NA2212, PG III C M CENTER 1-800-424-8802; 001 00030 Ε State E R EPA/Other c. State 2000年4月 0 EPA/Other d. State EPA/Other RESPONSE K. Handling Codes for Wastes Listed Above 6. 03 NATIONAL 15. Special Handling Instructions and Additional Informatio JOBSITE ADDRESS: 2770 EAST CAP CST JOB# 97-153A ASBESTOS REMOVAL REQUIREMENT 40 CFR 61 (BAGGED, SEALED & LABELED) WEAR PROPER PERSONAL HE 171-24HR EMERGENCY CONTACT ROCKETDYNE PROTECTIVE EQUIPMENT SECURITY 818-586-2351 CALL 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. SPILL, If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. ő Printed/Typed Name Year EMERGENCY ARRILL 020 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Year Jim 18. Transporter 2 Acknowledgement of Receipt of Materials Month Day Year ò 10m/ imci CASE 19. Discrepancy Indication Space ACI Z 20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
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Department of Toxic Substances Control Socramento, California

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To: P.O. Bax 3000, Sacramento, CA 95812

Department of Toxic Substances Control Sacramento, California

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Department of Toxic Substances Control Sacramento California

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Department of Toxic Substances Contro

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UNIFORM HAZARDOUS	1. Generator's US EPA ID N	ło.	Manifest Doc	cument No	. [	2. Page 1		on in the shaded are				
WASTE MANIFEST	C  A  D  0  8  6  5  1	1 10 10 10 15	1  3	9  9	16	1 of 1	10/8/	uired by Federal la '96				
3. Generator's Name and Mailing Address MC DONNELL DOUGLAS RE			L	A. :	State Ma	inifest Document	Number (	960139				
4060 LAKEWOOD BLVD.,	6TH FLOOR	V						300T3				
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11. US DOT Description (including Proper Sh	ipping Name, Hazard Class, and	ID Number)	12. No	Container	pe pe	13. Total Quantity	14. Unit Wt/Vol	1. Waste Numbe				
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FRIABLE ASBESTOS CONTAINING WASTE												
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15. Special Handling Instructions and Additional Information												
SITE ADDRESS: 19503 S. NORMANDIE, TORRANCE, CA 90502 CST JOB#97-109A												
ASBESTOS REQUIREMENT 40 CFR 61 (BAGGED, SEALED & LABELED) ERG# 31												
EMERGENCY RESPONSE:71	4-991-8300		_5	SW	6	556	5					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified,												
16. GENERATOR'S CERTIFICATION: I here	all respects in proper condition for	packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.										
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Department of Toxic Substances Control Sacramento, California

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Department of Toxic Substances Control Sacramento, California

	1	UNIFORM HAZARDOUS	Manifest Documen	nt No.	2. Page 1		n in the shaded areas ired by Federal law.					
		WASTE MANIFEST CAPPES5 1 PP 5	5   8   9	4   1	of 1 anifest Document	Number						
1-800-852-7550		MC DONNELL DOUGLAS REALTY CO. 4060 LAKEWOOD BLVD., 6TH FLOOR LONGE BEACH, CA 90808 4. Generator's Phone (310 627-3014		B. State Ge	enerator's ID	<u>.</u> 9	6358941					
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		SITE ADDRESS:19503 S. NORMANDIE, TORRANCE, CA 90502 CST JOB#97-109A ASBESTOS REMOVAL REQUIREMENT 40 CFR 61 (BAGGED, SEALED & LABELED)										
THE		EMERGENCY RESPONSE: 714-991-8300 Right 200-20	77 ,		#	96-1	642 V					
CALL		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fu packed, marked, and labeled, and are in all respects in proper condition for transport by high	illy and accurately		bove by proper sh	ipping nam	e and are classified,					
		If I am a large quantity generator, I certify that I have a program in place to reduce the v	,	• •		-	-					
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CASE		19. Discrepancy Indication Space	<u> </u>			14 1-						
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	Ť	Printed/Typed Name  Darin T. Olson  Signature  Signature	onevpi us itol	ica in nem 1.		Month	Ray Year					
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- 1		3. Generator's Name and Mailing Address		<u></u>		A Stote	Manifest Document	Number				
2 CALL 1-800-852-7550		MC DONNELL DOUGALS REALT 4060 LAKEWOOD BLVD., 6TH LONG BEACH, CA 90808 310 627-30	H FLOOR			B. State	Generator's ID	<b>发现公司</b>	163589 <b>42</b> 5 6 9 8			
ğ		5. Transporter 1 Company Name		US EPA ID Number			Transporter's ID	BEAL PARTS				
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CST	Env	ronr	neni	aı. I	nc.

## **Hauler Permit & Landfill Fact Sheets**

CST will be using the ECDC Environmental Facility as the waste site and MP Environmental Services for waste transportation. All asbestos containing material will be handled, transported and disposed of as per federal, state and local regulations.

ECDC Environmental 1111 W. Highway 123 East Carbon, Utah 84520 (801) 888-4451 Utah DEQ Permit #9422

MP Environmental Services Inc. 3400 Manor Street Bakersfield, CA 93308 (805) 393-1151 EPA ID# CAT000624247



### DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF SOLID AND HAZARDOUS WASTE

Michael O. Leavint Guvernor Dicanne R. Nielson, Ph.D. Executive Director Dennis R. Downs 288 North 1460 West P.O. Box 144880 Salt Lake City, Utah 84114-4880 (801) 538-6170 Voice (801) 538-6715 Fax (801) 536-4414 T.D.D.

January 19, 1996

Mr. Steve Noble, P.E. ECDC Evironmental, L.C. P.O. Box 69 East Carbon, Utah 84520

Dear Mr. Noble:

RE: Final ECDC Permit Renewal, Permit #9422

Enclosed is the Solid Waste Permit #9422 effective January 15, 1996. This permit authorizes ECDC to operate a Class V solid waste disposal facility. As noted on the cover page of the permit, this approval authorizes ECDC to operate a Class V landfill for five years. ECDC must submit a renewal application at least six months prior to the expiration date of this permit (before July 15, 2001.)

Although this permit authorizes the operation of a landfill, ECDC will need to obtain authorization from the Division of Solid and Hazardous Waste for the construction of each disposal cell or portion of a disposal cell.

The responses to public comments are also enclosed for your files. These responses have been paraphrased from four written comments submitted to the Division of Solid and Hazardous Waste. The original letters submitted to this office are located in the Division's files.

If you have any questions regarding either the permit or the responses to public comments, please call Roy Van Os of my staff at (801) 538-6170.

Sincerely,

Dennis R. Dówns, Executive Secretary

Utah Solid and Hazardous Waste Control Board

enclosures DRD/RVO/sm



### PERMIT REQUIREMENTS

NAME:

ECDC Environmental, L.C.

ADDRESS:

1111 W. Highway 123

P.O. Box 69

East Carbon, Utah 84520

(801) 888-4451

TYPE OF PERMIT:

Class V Landfill

PERMIT NUMBER:

9422

LOCATION:

The ECDC Environmental, L.C. (ECDC) is located within sections

7,8,9,10,16, 17, and 18. The legal description of the is noted in

Appendix A of the Permit Renewal Application.

Permit as used in this document is defined in Utah Administrative Code (UAC) R315-301-2(54).

The application for renewal was received September 22, 1994. All representations made in the permit application are part of this permit and will also become part of the operating record of the ECDC permit. Where differences in wording exist between this permit and the application, the wording of the permit supersedes that of the application.

By this permit to operate, the Permittee is subject to the following conditions.

### I. GENERAL COMPLIANCE RESPONSIBILITIES

#### A. General Operation

The Permittee shall operate the Class V Landfill in accordance with all requirements of UAC R315-302 and 303 unless otherwise noted in this permit. Any permit noncompliance or other noncompliance constitutes a violation of UAC R315-302 or 303 and is grounds for appropriate enforcement action, revocation and reissuance, modification, or denial of a permit renewal application.

#### B. Acceptable Waste

This permit is for the disposal of nonhazardous solid waste which may include, municipal solid waste, commercial solid waste, industrial solid waste, construction/demolition waste, and special waste as defined in UAC R315-301-2.

### UTAH SOLID AND HAZARDOUS WASTE CONTROL BOARD

#### SOLID WASTE PERMIT

#### **CLASS V LANDFILL**

Pursuant to the provisions of the *Utah Solid and Hazardous Waste Act*, Title 19, Chapter 6, Utah Code Annotated (UCA) 1953, as amended (the Act) and the *Utah Solid Waste Permitting and Management Rules*, Utah Administrative Code (UAC) R315-301 through 320 (the Solid Waste Rules) adopted thereunder,

### ECDC ENVIRONMENTAL, L.C.

is hereby authorized to operate a Class V Landfill located in Township 15 South, Range 13 East, Salt Lake Base and Meridian, Carbon County, Utah and within the city limits of East Carbon City more specifically described as follows within the Permit Application, Appendix A.

The operation of this commercial municipal and industrial waste landfill is subject to the condition that ECDC Environmental, L.C. meet the requirements set forth herin.

All references to UAC R315-301 through 320 are to regulations that are in effect on the date that this permit becomes effective.

This permit shall become effective January 15, 1996.

This permit shall expire at midnight formary 14, 2001.

Signed this 12 day of January, 1996.

Dennis R. Downs, Executive Secretary

Utah Solid and Hazardous Waste Control Board

### SPARTMENT OF TOXIC SUBSTANCES CONTROL

P STREET. 4TH FLOOR 30x 806

ENERAMENTO, CA 95812-0806



(916) 323-3219

\*\*\* HAZARDOUS WASTE TRANSPORTER REGISTRATION \*\*\*

#### NAME AND ADDRESS OF REGISTERED TRANSPORTER:

M.P. Environmental Services, Inc. 3400 Manor Street Bakersfield, California 93308

TRANSPORTER REGISTRATION NO: 2895

EXPIRATION DATE: May 31, 1997

THIS IS TO CERTIFY THAT THE FIRM NAMED ABOVE IS DULY REGISTERED TO TRANSPORT HAZARDOUS WASTE IN THE STATE OF CALIFORNIA IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 6.5, DIVISION 20 OF THE HEALTH AND SAFETY CODE AND DIVISION 4.5, TITLE 22 OF THE CALIFORNIA CODE OF REGULATIONS.

THIS REGISTRATION CERTIFICATE MUST BE CARRIED WITH EACH SHIPMENT OF HAZARDOUS WASTE.

THORIZED SIGNATURE)

APR 1 0 1996

(DATE)

cc: California Highway Patrol





## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION IX

### 75 Hawthorna Street San Francisco, Ca. 94105

### EPA ID NUMBER STATEMENT

() Generator	( ) TSD Facility
(C) Transporter	() Other
This is a statement verifying t	hat EPA ID number <u>CAT 000 624 242</u> has been issued to:
_	MP Environmental Sucs, Inc.
_	3400 Masor St.
_	Bakersfield, CA 93308
on the form, you are required 8700-12). To avoid confusion All ID numbers are location s	er. If you close the facility or have changes in any of the information requested to alert EPA by sending a new Notification of Regulated Waste Activity (form make sure your EPA 1D number appears on each subsequent notification.  pecific. If you change locations, you must apply for a new 1D number.  your ID number should be directed to:  U.S. EPA/PRC  594 Howard St., #401 San Francisco, CA 94105  415-744-1107
Comments:	
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Printed on Recycled Paper

CERTIFICATE OF LIABILITY INSURANCE 4 CORD 10/29/1996 ED AS A MATTER OF INFORMATION ICER (209)485-7100 FAX (209)485-6476 ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE ; Eaton Insurance Brokers HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR la fulare Street Suite 300 ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. Box 12906 COMPANIES AFFORDING COVERAGE sna, CA 93779 Zurich American Speciality COMPANY Ext n: Debra Bailey COMPANY Industrial Indemnity Insurance M P Environmental Services, Inc. В 3400 Manor Street Steadfast Insurance COMPANY Bakersfield, CA 93308 COMPANY THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS. EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS POLICY EFFECTIVE POLICY EXPIRATION POLICY NUTERER TYPE OF PUBLICANCE LIMITS DATE (MINDOMY) DATE (MH/DD/YY) GENERAL LIABILITY GENERAL AGGREGATE 10,000,000 X COMMERCIAL GENERAL LIABILITY PRODUCTS - COMPANY AGG & 10,000,000 OWNERS & CONTRACTOR'S PROT PERSONAL & ADV INJURY 10,000,000 11/02/1996 : 11/02/1997 EACH OCCURRENCE 10,000,000 FIRE DAMAGE (Any ere fre) 50,000 MED EXP (Any one person) 5,000 AUTOHOBILE LIABILITY COMBINED SINGLE LIMIT ANY AUTO 10,000,000 ALL OWNED AUTOS BOOK Y INJURY SCHEDULED AUTOS 11/02/1996 - 11/02/1997 TRK 3655134-00 ZOTUA OBRIH X BOORY WURRY (Per sociation) ZOTUA DEMAND-HON X X MCS-90 PROPERTY DAMAGE Incl. Pollution GARAGE LIABILITY AUTO ONLY - EA ACCIDENT ٠ \$ ANY AUTO OTHER THAN AUTO ONLY: EACH ACCIDENT & ----AGGREGATE S EXCESS LIABILITY EACH OCCURRENCE UMBRELLA FORM AGGREGATE OTHER THAN UNBRELLA FORM WORKERS COMPENSATION AND X TORY LIMITS EMPLOYERS LIABRITY EL EACH ACCIDENT 1,000,000 10/01/1996 10/01/1997 C1 960-8515 . WCL EL DISEASE - POLICY LIMIT 1,000,000 PARTHERS/EXECUTIVE OFFICERS ARE EXCL EL DISEASE - EA EMPLOYEE \$ 1,000,000 \$1,000,000 - Each Claim Pollution Liability PEC 3660501-00 11/02/1996 11/02/1997 \$2,000,000 - Total Claims \$25.000 Deductible ESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS EKTIFICATE NO EDER Should any of the above described policies be cancelled before the Expiration date thereof, the issuing company will endeavor to wail ... Days wrutten notice to the certificate holder named to the left. BUT FAILURE TO BAIL SUCH HOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY HIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE Whom It May Concern SACONO CORPORATION 11

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